

cttgaggcca	tgagttcaag	accagtctgg	ccattgtggt	gaaactccgt	ctctactaaa	540
gacataaaaa	ttagcatggt	ggcctgcacc	tataatccca	gctactccgg	aggctgaggc	600
aggagaatca	cttgaatcca	tgaggcagag	gctgcaatga	gccaagatcc	tgccactgca	660
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<210> 1755  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 1755						60
ggcagcaggt	gccccaccct	tcaactctctc	cccgcataac	tctcttccgc	atgtatatgt	120
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tctaccatt	cctacaaatg	cttgcaagtct	tctgttttct	aagtcccaac	agcttattgt	240
ttttcatttt	ctggagcagg	gtctacaggt	ttccaccaa	cagaagatct	cgccctggga	300
tctttttgag	gggttgaagc	cgtcagcacc	actctcttgg	ggctgggttg	gaacagtcgg	318
agtggaccgg	cgagtggc					

<210> 1756  
 <211> 1860  
 <212> DNA  
 <213> Homo sapiens

<400> 1756						60
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atTTTTTaaa	aggacagaca	cggtacattg	agcttaattt	taatgttctc	tctaaaatgc	240
taataattat	ggctcaatta	ttacagtggg	tttcttggtg	gagttttctc	ccttttagctg	300
ctctaaattg	tgagtgggat	agagtcacag	agcttacttg	attattcacc	cagtccactg	360
ctgatgctac	gtgtttcttc	aggacctgtc	ctttagaata	cttcccagag	gcaagcacat	420
ggttgcctat	attaaagcca	cctgtatatc	acttgctaag	tctcttttgt	caacacttgc	480
cctcattgtg	actacagaat	cactttttct	agtttttaaa	attgttatcg	taagactgtg	540
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gccaatgctg	tacatgtaaa	atttccatga	caacttataa	aataaatact	ttgatctctt	660
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ggaaatttgt	aatycctttc	aattttctga	acatatgcac	aattttacta	ttctaaaaaa	840
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acacagtaac	tcaattcttt	ctttgtcttc	atcttttgca	atcatctacc	tccctatgca	1080
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gccagagtc	acctatgagt	ggctctggta	agagattgga	aggccgaaga	ttctggtagt	1620
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tctgtctggg	agtggaaatg	ttcctgacat	cgctagtctg	tgtgtggcct	cactgttgat	1800
ttgactgctt	tcacttttct	gtcatcagta	taacaaaac	cctgcagaaa	actgcctctg	1860
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<210> 1757  
 <211> 1120  
 <212> DNA  
 <213> Homo sapiens

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<400> 1757
gggctgcagg aattcggcac gaggcagcag agagagcctg ggttgagacc atgaggctgc 60
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gcagggatgg accaggcacc ccttgcaatc cttctggaca aatgtgccac tgtcctatga 180
aaataaaagg acaccactca agctccagga ggcagaacct taactcaaat ctgagccaat 240
aaacaatgtc actctagcac caaagtctat ttcaaaatgc aaactatttg aaatatctta 300
tttttggtaa atgctttatt ttggaatgg gtttttggtg ttgtttccct gaagagagtt 360
cagatcagca aagcaagtag ctttgagaaa gacaccttta gacgaggact cctgtgaatc 420
agcaggacag cgtagaggga cattaggtga gccacagggt ggagcaggat gggagggcag 480
aggcttctgc ttcagaattg aagccgaagg aaagtaatgc tgtgggtgtt actggagaca 540
aaaggaacca aacaagaaaa atctggagag gcaaatgttg atgtcttaat agatttgga 600
gtcacactct ttaaaaatgg gtcccaaagc aaagctctca aaacttcatt aaaagaaaag 660
tcttacattt gacaagtgc ctggacagag gagctaccag gacattggcc cccttgctgt 720
gcacctgcac tgtgcatcac agctcacgtc gtgtttgtta cactttgtca cctcacattt 780
tattataaag gtcattcccg tgttaaaaag agagcgcggt atgacagcgc ctagtgaatt 840
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taatgctgtc aggattaaag tgagaagaat ttaattttca tttcagcctg aacactagtt 1020
ttactttcag aaaggttctt ggtgccaaagc tgtgacactt ttgcctttgt gggatatacac 1080
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<210> 1758
<211> 1068
<212> DNA
<213> Homo sapiens

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<220>
<221> SITE
<222> (1060)
<223> n equals a,t,g, or c

```

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<400> 1758
gctttgaccg gacagacaga tacttagata gctggcaaaa cattatttct aggtatgttt 60
gtgaatatatt ttccagaaaa gtttaatat taaatcagta aactcagtag acaaaaccta 120
ccctggacaa cgcgagttag cctcgtccaa tcccttgagg cccagagaaga ataaaaaaag 180
aggaaggggtg catttactct ctcttcagtt ggaacatcta tgctctcctg cctcagacat 240
tggacatgga atctcctggt tctcaggcct ttggcctcca tggttacacc agcaccaccac 300
ctggttcgcg ggccatcagt ctcagactaa attacagcac tgggtttcct atttctccac 360
tgctgacggc atgccttggg gctttgggct tctataatta tatgagccag ttcccataaa 420
caatcacttc tcatatatct atatatacct attggttctg tttttctgaa gaccctaata 480
cagccccata gcactatatt tttatttttt ctaaaacatt taaacagcct atttttttag 540
agtcatttat gtaggtatcc aattctctca tgaacgcctc aaggccagaa attcaatcca 600
ttttawtttt gccattgccg cagaggaggc acactgtagc tagtcaataa gtggttgtgg 660
aaggaattga gactgataga tctataaacc cactttctgt ggtacatgca gtctatattc 720
aatattccgt gcagcttact ccacaagtga gaggagggtc taagcttttg agcataggga 780
tggttttaga aaataattac atttaaaaag caaatggag acctgttgag aataaataaa 840
gtcttgtttc ttatagttgt gaatctttta tatcaagact tcacctgaaa aactgctaga 900
ttgtgcttca aagcactgta agttctagcc ctggttctat aatgttatct aagatattta 960
tcatcattga gttctctgga ctcaatgttc ttatccgaaa attgaaggag tcagatataa 1020
tcatttttaa aatgttttcc aaaccaacat cctaaagtcn actctcga 1068

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```

<210> 1759
<211> 1272
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> SITE
<222> (1209)
<223> n equals a,t,g, or c

```



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<400> 1759
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tcaaaagaat catcatcttt acctttgggg aaaacaggaa gagggatggt gctttatcaa 180
tcacatactt agcccaaaca agtgccttgg cctcctcaga aattttaaag gtagaaaaaa 240
atggacatat ccccttttaa gaagcttcca catcacatat ttttyaaaaa gtatttacat 300
ttcagctgtc atgcaaatca acagttttgc caacttcttt ctcctttgct ctggcactgg 360
cattaacatt cttcctcact gtggccctgg aaatcctcac actaatgaag cagcagaaaag 420
gcccatcaca ctgcactggg gtgtgggtctt cgcatttctt tgactttctt ttcttttttg 480
ttctttcttt tttttttttt tgagacaaag tcttgctctg tcaccaggc tggagtgtctg 540
tggcgcaatc ttggcttaac tgcaacctct gcctcgggtt caagtgattc ttctgcctca 600
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tgatccgccc gccttggcct cctgaaatgc tgggaattata ggtgtgagcc accatgcctg 780
gcttcccttg ctttcccttg tgagacacgg caacagccca aggggtctca gatgctgacc 840
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cctagttgag tgttgggtgt cagggtggctg gtgcaggcac ccgcccttct tcacttttgc 960
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atgtggcctt gcctgccggc cctccgtccc cgctccagga ctaacctctg tggaggggaat 1260
cacctaactc ga 1272

```

```

<210> 1760
<211> 536
<212> DNA
<213> Homo sapiens

```

```

<400> 1760
tgcaggaatt cggcacgagg taactctgag ccagtggccc ccaaggtggc agaacaggtg 60
tcagccacat ctagaaggag gcctagggac ctgcagggtg ccacccttgg tgaggcggct 120
gtggggccacc cttgggtgagg cggctgtggg ctgtgggtga ggcagcccct tggtagggg 180
ctgggaggag tgggcttctc tcggcctggc tgggagtcca ggtgccaggg tactaagac 240
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acaagctgca cagggtgtgca gagcactctc cacatagtca ctccctctta ggaaaagact 360
ccttctcca cttgagagg catcaggcca gcagggaaca gacgttcgcc taatccagag 420
gctgtccccc accagataag ggcgtagcca ggcagtgtgt ttaccatccg tcctcaccaa 480
ggactctgtg gccataaaaa gagcagggtc tcaccagctc gagggggggc ccggtg 536

```

```

<210> 1761
<211> 393
<212> DNA
<213> Homo sapiens

```

```

<400> 1761
aattcggcac gagctcacct gtccactagc agctggacgg gaaaatggca aggggtcatt 60
tcctgtactg taccgtgagg cagtgattag ctacgtgtgg ctcgtccaac tagagatgtg 120
ctgtgagtgt aagatgcaca ctggatttct aaaactttgt gcaaagaaaa gggaaatata 180
taattagtaa tttcatatgg attctgtgtt gaaatgacaa tatttttaggt ttttgagcta 240
agtaaaaaata cattatgaaa attagtttca ccttttttat tctacttctt aaaaatgtgc 300
ttgctgctag aaaattttaa atgatagatg tggcccatat tatgtttctg tgtgatagac 360
tgctctggat caagagtcgg caaactatgg ccc 393

```

```

<210> 1762
<211> 688
<212> DNA
<213> Homo sapiens

```

```

<400> 1762
ggcacgagca gggagaatga gactgagaga caggagggca ggagaaggtc agagacaact 60

```

tttgcttctg	aggctgctgc	tgaggacttc	attttggggc	gttgttttct	gagccccaac	120
agaaggaag	aagcctctcc	ctccaggggt	cagtcctggg	cctcaagggc	accctcgaag	180
caggcagctc	agctcacaga	gctccccctg	gccatgtcct	ccacctgccc	ttcctttgtc	240
cagcacctca	cctgcacaca	cctgtctgga	gagtccccaa	ggttgagag	ctgctgagtc	300
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cagcaacagg	cttttactct	cctctctgtc	tctttgtctc	tctcctccac	cgcacctcca	480
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tcccaaactg	aagcttcccc	acagtggctg	caactatcca	gacctggggc	cacacttggg	600
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gctctgcctt	ccttatctct	cctctccc				688

<210> 1763  
 <211> 1430  
 <212> DNA  
 <213> Homo sapiens

<400> 1763						
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ttgtttcgag	gtctctcttc	ctggcctccc	aagccactc	cctgccccaa	gtgccaccct	120
tccctggcac	ctgatccctg	aggacgttgg	gtcctggggg	gggggcctct	gggctcttcc	180
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<210> 1764  
 <211> 1803  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (18)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (24)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (46)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (106)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1788)

<223> n equals a,t,g, or c

<400> 1764

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aaa						1803

<210> 1765

<211> 1149

<212> DNA

<213> Homo sapiens

<400> 1765

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gctctggctc	cctcagtaag	tgctttatta	actcagtgtg	tcaaatgaa	aacagagccc	180
tccttcccca	gtagctcagt	gccacagacc	ttcagcccca	cacagctgta	gctatcctta	240
ccctgagtc	atctacctta	aatctgtacc	tctgacaccc	agccagtctg	tcataatcat	300
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 <213> Homo sapiens

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cagagagaca agcattttgc caagatcttc cagggaagat gcatgtgtga cacattaaca 600  
ttcaaatacag gccagcgagg tgctcatgcc tgctcatccca gcactttggg agggccgaggc 660  
gggaggatca cttgagccca ggacttggag accagtcttg gcaacacagt gagaccccat 720  
ctctacaaaa agttaaaaaa aaaaaaaaaa aaaaa 755

<210> 1772  
<211> 522  
<212> DNA  
<213> Homo sapiens

<400> 1772  
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atgggggagc ccccaagagc cagcttggac aatgctcttc ttgcccccta gttactggct 180  
ggctgtggct tcagtggtgt gtaagcaggt ggaataactca cccaccaagc tctggggtag 240  
cccgagggcc tgacaagagg atgggggtgg ggtggcatcc tccaaagacc agcctccacc 300  
cccactccag cctcagcggg gccccagcga tgttttcttg ttgtacaaga accaggtccg 360  
agtgttgctt cctcttctt cgggaagcca aactgctcct ttatttttta gagctgctga 420  
ttgtgaatct cagagtctta agagagaagc caaatatatt cctcttgtaa atgaagaaat 480  
aaacctatth aaatcacaaa aaaaaaaaaa aaaaaaaaaa aa 522

<210> 1773  
<211> 787  
<212> DNA  
<213> Homo sapiens

<400> 1773  
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tattgaaggc agcacaaatt ggtaatacaa aaaaatatgg acatgaaagc taatacctaa 180  
atagattacag cagttaacag cagtacagac aaaacttaat gaaccataa aatagaatgt 240  
ggcaattcac attgaaatga tggaagttct ggatgaaata cacagaaaac ataggcaagg 300  
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gaaagtgtat agagtgcctc tcagcataat gttcaaagat agacatccac ttgtcaatgt 420  
cttaatcaca gagtaaaaat ttatttttaga aaaataaaaac gacaacttta ctcagatgtt 480  
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ggaggatgga tcacgagggtc aggagggtcaa gaccagcctg gccaaagatgg tgaaaccctg 600  
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ctcgggagggc tgaggcgagg gaattgcttg aacctgggag gcgtaggttg cagtgaactg 720  
agatcacgcc actgcactgc agcctggcga cagagcgaga ctccatctca aaaaaaaaaa 780  
aaaaaaa 787

<210> 1774  
<211> 1241  
<212> DNA  
<213> Homo sapiens

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aaatagaatg	acatttccac	atctgctgat	tctattgtca	tttgctttga	gttcatctat	240
ggaaaataag	aacttcagtt	aattaaatgt	gtcagttaca	tattgcagta	taacaaacta	300
cctaaaactt	aatgggtatga	aacaagcacc	tttttgtttg	ctcagaattc	tgggtgtggg	360
ggaatcacca	gtttgagttc	agctggatgg	ttcttctact	ggtctctctt	ggagtcactc	420
acgaagttaa	agtcagctgg	taggtcttct	gggagctggg	tagtttaggg	gtctcagctg	480
gatcagacca	tctctgatcc	ctggaaactt	atcctccagt	aagctattcc	aagtttctaa	540
gtgtgatagt	tggagaattc	tgtgctatta	agagggttaag	cccaaagca	acagcagctt	600
tcaagccttt	ttttgtatgg	cttttgcttc	gttgccaaa	gcatgttaca	tgaccacccc	660
tgattcatgg	tatggagaaa	taaattccat	ctcttgatgg	ggcaagtggc	agagccatat	720
tataaaatgg	tatatgtatg	gaaatggaag	aaattaattg	tagccatctt	tgctaataaa	780
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<210> 1775  
 <211> 1093  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (553)  
 <223> n equals a,t,g, or c

<400> 1775						
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gatatatgta	gaacaaagct	cccacgtacc	ctctaggagg	gaagatatta	ccagaattat	180
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aattcttgac	tctcagcctt	aggccaagga	gaattatgta	tcttttataa	aagatatgta	300
aactacttga	grtagtttca	agtgaacaa	tcggctgttt	gtgaaataaa	gaagaaaatt	360
tgtgaaataa	ggaagatttg	tgctgcagag	ttcttttaggg	atacgggctg	cagctgcccc	420
ggtgatgagc	ttgaagaacc	taggccccggc	tggcagagtg	gagaggagct	gggagagaca	480
gctgctttta	cgactctttc	atgttctagc	agatgccaga	tgcgaggctt	ctccttacag	540
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aatagaagtg	gaagaagtca	gtaggtgccc	aaatgctatt	tgaggtttga	atagagaaatg	720
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aaaaaaaaact	cga					1093

<210> 1776  
 <211> 553  
 <212> DNA  
 <213> Homo sapiens

<400> 1776						
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gcagcatgtg	ccctttgaca	tccacaccta	tggggaccag	ctggtctcac	ggttcccca	180
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cgttccatgc	tggcctccct	gcagctggcc	aatgactaca	cagtggagat	aaccagcag	300
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aaaaaaaaaa	aaa					553

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 <212> DNA  
 <213> Homo sapiens

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aaa						1503

<210> 1778  
 <211> 605  
 <212> DNA  
 <213> Homo sapiens

<400> 1778						
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cggca						605

<210> 1779  
 <211> 1156  
 <212> DNA

<213> Homo sapiens

<400> 1779

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<210> 1780

<211> 1357

<212> DNA

<213> Homo sapiens

<400> 1780

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<210> 1781

<211> 739

<212> DNA

<213> Homo sapiens

<400> 1781

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 <223> n equals a,t,g, or c

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<220>  
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 <223> n equals a,t,g, or c

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 <212> DNA  
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<400> 1787

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 <212> DNA  
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ttgaaaaaaa	aaaaaaaaaa	a				921



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 <212> DNA  
 <213> Homo sapiens

<400> 1790  
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<210> 1791  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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<220>  
 <221> SITE  
 <222> (19)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (22)  
 <223> n equals a,t,g, or c

Figure 1 shows a sequence of 10 diagrams illustrating the evolution of a 2D lattice over time steps  $t=0$  to  $t=9$ . The lattice is composed of black and white squares. At  $t=0$ , the lattice is a 4x4 grid of black squares. As time progresses, white squares appear and spread, eventually forming a large white region in the center, surrounded by black squares. The diagrams are arranged in a single column, with time steps labeled from  $t=0$  at the top to  $t=9$  at the bottom.

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1020





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 <213> Homo sapiens

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 <221> SITE  
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 <223> n equals a,t,g, or c

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<210> 1800  
 <211> 968  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n equals a,t,g, or c

<220>  
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 <211> 1532  
 <212> DNA  
 <213> Homo sapiens

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 cccagtttat gtgtcttctc agattcactt ggctctgtcc aaccctagat cttagctgct 540  
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 <211> 1963  
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<220>  
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<220>  
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<220>  
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 <222> (1954)  
 <223> n equals a,t,g, or c

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<210> 1812  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 1812						
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<210> 1813  
 <211> 1634  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (1218)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (1223)  
 <223> n equals a,t,g, or c

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 <211> 889  
 <212> DNA  
 <213> Homo sapiens

<400> 1814						
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<210> 1815  
 <211> 1578  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1071)  
 <223> n equals a,t,g, or c

<400> 1815

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 <211> 2082  
 <212> DNA  
 <213> Homo sapiens

<400> 1816						
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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 <211> 1187  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (1076)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (1124)  
 <223> n equals a,t,g, or c

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<210> 1824  
 <211> 1233  
 <212> DNA  
 <213> Homo sapiens

<400> 1824						
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<220>  
 <221> SITE  
 <222> (5071)  
 <223> n equals a,t,g, or c

<400> 1826

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<210> 1827  
 <211> 1634  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (1056)  
 <223> n equals a,t,g, or c

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<210> 1830

<211> 1175

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (740)

<223> n equals a,t,g, or c

<400> 1830

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<210> 1831

<211> 1014

<212> DNA

<213> Homo sapiens

<400> 1831

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<210> 1832  
 <211> 1827  
 <212> DNA  
 <213> Homo sapiens

<400> 1832						
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 <211> 734  
 <212> DNA  
 <213> Homo sapiens

<400> 1833						
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 <221> SITE  
 <222> (5080)  
 <223> n equals a,t,g, or c

<400> 1837

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<400> 1838

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<210> 1839

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (16)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (17)

<223> n equals a,t,g, or c

<220>

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<222> (25)

<223> n equals a,t,g, or c

<400> 1839

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<210> 1840  
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 <212> DNA  
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Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses was significantly higher for the 10-trial condition than for the 5-trial condition. Error bars represent the standard error of the mean.

Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses (Y-axis) is plotted against the number of trials (X-axis). The data shows a positive correlation between the number of trials and the number of correct responses, with a slight increase in the number of correct responses as the number of trials increases from 1 to 10.

[illegible]

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Number of Trials	Number of Correct Responses
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10

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3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10

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Number of Trials	Number of Correct Responses
1	1
2	2
3	3
4	4
5	5
6	6
7	7
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<210> 1850  
 <211> 1019

<212> DNA  
<213> Homo sapiens

<400> 1850

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<210> 1851  
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<212> DNA  
<213> Homo sapiens

<400> 1851

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<211> 2255  
<212> DNA  
<213> Homo sapiens

<400> 1852

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<210> 1853  
 <211> 1659  
 <212> DNA  
 <213> Homo sapiens

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<210> 1855  
 <211> 1647  
 <212> DNA  
 <213> Homo sapiens

<400> 1855						
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 <212> DNA  
 <213> Homo sapiens

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<210> 1857  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens

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<210> 1858  
 <211> 1264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (1211)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (1256)  
 <223> n equals a,t,g, or c

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 <212> DNA  
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<210> 1861  
 <211> 1645  
 <212> DNA  
 <213> Homo sapiens

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 <211> 979  
 <212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (9)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (23)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (976)

<223> n equals a,t,g, or c

<400> 1862

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<210> 1863

<211> 2952

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (1145)

<223> n equals a,t,g, or c

<400> 1863

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<210> 1864

<211> 1117

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (35)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (36)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1096)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1114)

<223> n equals a,t,g, or c

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<210> 1865
<211> 860
<212> DNA
<213> Homo sapiens

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<210> 1866
<211> 1086
<212> DNA
<213> Homo sapiens

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<220>
<221> SITE
<222> (519)
<223> n equals a,t,g, or c

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<220>
<221> SITE
<222> (531)
<223> n equals a,t,g, or c

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<210> 1867  
 <211> 969  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (10)  
 <223> n equals a,t,g, or c

<220>  
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 <222> (969)  
 <223> n equals a,t,g, or c

<400> 1867						
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<210> 1868  
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 <212> DNA  
 <213> Homo sapiens

<400> 1868						
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<210> 1869  
 <211> 1623  
 <212> DNA  
 <213> Homo sapiens

<400> 1869						
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cgc						1623

<210> 1870  
 <211> 1370  
 <212> DNA  
 <213> Homo sapiens

<400> 1870

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<210> 1871  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (5)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (20)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (82)  
 <223> n equals a,t,g, or c

<220>  
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 <222> (124)  
 <223> n equals a,t,g, or c

<220>  
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 <222> (135)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (144)  
 <223> n equals a,t,g, or c

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<210> 1872  
 <211> 2329  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (12)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
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 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
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 <223> n equals a,t,g, or c

<400> 1872						
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<210> 1873  
 <211> 953  
 <212> DNA  
 <213> Homo sapiens

<400> 1873						
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<210> 1874  
 <211> 932  
 <212> DNA  
 <213> Homo sapiens

<400> 1874						
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<210> 1875  
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<210> 1878  
 <211> 1463  
 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<400> 1879						
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<210> 1880  
 <211> 1583  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (892)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (897)  
 <223> n equals a,t,g, or c

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aaaaaaaaaa	aaaaagggcg	gcc				1583

<210> 1881  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (12)  
 <223> n equals a,t,g, or c





<220>  
 <221> SITE  
 <222> (1655)  
 <223> n equals a,t,g, or c

<400> 1884

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<210> 1885  
 <211> 2444  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (1655)  
 <223> n equals a,t,g, or c

<400> 1885

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 <211> 895  
 <212> DNA  
 <213> Homo sapiens

<400> 1886						
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<210> 1887  
<211> 1320  
<212> DNA  
<213> Homo sapiens

<220>  
<221> SITE  
<222> (1024)  
<223> n equals a,t,g, or c

<220>  
<221> SITE  
<222> (1309)  
<223> n equals a,t,g, or c

<400> 1887  
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<212> DNA  
<213> Homo sapiens

<220>  
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<222> (1164)  
<223> n equals a,t,g, or c

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<400> 1891
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<210> 1899  
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$\langle 222 \rangle$  (1263)

<223> n equals a,t,g, or c

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<210> 1909

<211> 2003

<212> DNA

<213> Homo sapiens

<400> 1909

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 <211> 1417  
 <212> DNA  
 <213> Homo sapiens

<400> 1910						
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 <211> 1146  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (1141)



<223> n equals a,t,g, or c

<400> 1911

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<211> 1465

<212> DNA

<213> Homo sapiens

<400> 1912

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<210> 1913

<211> 1817

<212> DNA

<213> Homo sapiens

<220>  
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 <222> (1796)  
 <223> n equals a,t,g, or c

<220>  
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 <223> n equals a,t,g, or c

<400> 1913

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<210> 1914  
 <211> 1953  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (1362)  
 <223> n equals a,t,g, or c

<400> 1914

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<211> 1956
<212> DNA
<213> Homo sapiens
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<220>  
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<222> (1362)  
<223> n equals a,t,g, or c
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<210> 1928  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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 <212> DNA  
 <213> Homo sapiens

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<211> 2310
<212> DNA
<213> Homo sapiens
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <222> (2019)  
 <223> n equals a,t,g, or c

<220>  
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<220>

<221> SITE

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<220>

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<210> 1936

<211> 2288

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (603)

<223> n equals a,t,g, or c

<220>

<221> SITE

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<222> (2113)
<223> n equals a,t,g, or c
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<212> DNA  
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<211> 1575

<212> DNA

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<211> 549

<212> DNA







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<223> n equals a,t,g, or c
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<211> 822
<212> DNA
<213> Homo sapiens
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<223> n equals a,t,g, or c
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<223> n equals a,t,g, or c
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<223> n equals a,t,g, or c
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1118





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 <212> DNA  
 <213> Homo sapiens

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tttctcaag	ctatgaagtg
tcaagcttat	cgataccgtc
gac	
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gactagataa	tttatttcac
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actttccttg	acttgcttct
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<210> 1958  
 <211> 2930  
 <212> DNA  
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<220>  
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<220>  
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<220>  
 <221> SITE  
 <222> (2700)  
 <223> n equals a,t,g, or c

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 <222> (2775)  
 <223> n equals a,t,g, or c

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<220>  
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 <222> (2897)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
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 <223> n equals a,t,g, or c





<210> 1959  
 <211> 932  
 <212> DNA  
 <213> Homo sapiens

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<210> 1960  
 <211> 2904  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (2899)  
 <223> n equals a,t,g, or c

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 tcccagtcta tgagatgaag tttccagatc tgtgtgtgta ctgatcgccg catgaagacc 240  
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 aatgtgtatt aacatacttc ttgaaaataa tgatggaaca tatctttaac caaatgtttg 360  
 gcataccata ttagaagttt tggagctata tataatttcg agtactttca aagatagatt 420  
 tatgccatgt taattttgctt tgaggttctt gttgcctttt taagttgaac atgttttggt 480  
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 agctgggata ggcaccttgc tattcagtta ctataataat atgtgatagg cattcctcat 780  
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aaaaaaaaaa	agggggggnc	cccc				2904

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<210> 1961
<211> 1959
<212> DNA
<213> Homo sapiens
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<400>	1961					
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1959

<210> 1962  
<211> 1139  
<212> DNA  
<213> Homo sapiens

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<210> 1963  
<211> 2455  
<212> DNA  
<213> Homo sapiens

<220>  
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<222> (2454)  
<223> n equals a,t,g, or c

<220>  
<221> SITE  
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<223> n equals a,t,g, or c

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<210> 1964  
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 <212> DNA  
 <213> Homo sapiens

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<210> 1965  
 <211> 1481  
 <212> DNA  
 <213> Homo sapiens

<400> 1965						
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<210> 1968  
 <211> 1098  
 <212> DNA  
 <213> Homo sapiens

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<210> 1969  
 <211> 692  
 <212> DNA  
 <213> Homo sapiens

<400> 1969						
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<210> 1970  
 <211> 658  
 <212> DNA  
 <213> Homo sapiens



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<210> 1973  
 <211> 553  
 <212> DNA  
 <213> Homo sapiens

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<210> 1974  
 <211> 1463  
 <212> DNA  
 <213> Homo sapiens

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 <211> 475  
 <212> DNA  
 <213> Homo sapiens

<400> 1975



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<210> 1976  
 <211> 636  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (622)  
 <223> n equals a,t,g, or c

<400> 1976						
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 <211> 520  
 <212> DNA  
 <213> Homo sapiens

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<210> 1978  
 <211> 1506  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (1359)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (1410)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1446)

<223> n equals a,t,g, or c

<400> 1978

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<210> 1979

<211> 906

<212> DNA

<213> Homo sapiens

<400> 1979

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<210> 1980

<211> 774

<212> DNA

<213> Homo sapiens

<400> 1980

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cacaattgaa	actctaccag	tggactattc	tatttttcaca	gctacctagt	ttctgcccgt	720
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<210> 1981

<211> 1236

<212> DNA

<213> Homo sapiens

<400> 1981

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<210> 1982

<211> 2071

<212> DNA

<213> Homo sapiens

<400> 1982

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA





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<210> 1988  
 <211> 2008  
 <212> DNA  
 <213> Homo sapiens

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<210> 1989  
 <211> 2008  
 <212> DNA  
 <213> Homo sapiens

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 <211> 2190  
 <212> DNA  
 <213> Homo sapiens

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<220>  
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 <223> n equals a,t,g, or c

<220>  
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 <223> n equals a,t,g, or c

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 <212> DNA  
 <213> Homo sapiens

<400> 1991						
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tttatcagat	tcttaaagga	ctctaagaca	aaaaaaggct	tatgaactga	tttaggattt	180
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 <211> 686  
 <212> DNA  
 <213> Homo sapiens

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<220>  
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 <222> (9)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
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 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
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 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (685)

<223> n equals a,t,g, or c

<400> 1992

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<210> 1993

<211> 1961

<212> DNA

<213> Homo sapiens

<400> 1993

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<210> 1994

<211> 2647

<212> DNA

<213> Homo sapiens

<400> 1994

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<210> 1995

<211> 1520

<212> DNA

<213> Homo sapiens

<400> 1995

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<210> 1996

<211> 594

<212> DNA

<213> Homo sapiens

<220>

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<400> 1996

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<213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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<210> 2005  
 <211> 849  
 <212> DNA  
 <213> Homo sapiens

<400> 2005						
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 <211> 1519  
 <212> DNA  
 <213> Homo sapiens

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<210> 2007  
 <211> 1292  
 <212> DNA  
 <213> Homo sapiens

<400> 2007

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<210> 2008  
 <211> 1292  
 <212> DNA  
 <213> Homo sapiens

<400> 2008

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1292

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<212> DNA  
<213> Homo sapiens

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<220>  
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<220>  
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<220>  
<221> SITE  
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<223> n equals a,t,g, or c

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<210> 2010  
<211> 2180  
<212> DNA  
<213> Homo sapiens

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ttttcccat	ctttgtgggt	ttatctactt	ttgggtcttg	atgatggtga	tgtacagatg	300
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<210> 2011  
 <211> 948  
 <212> DNA  
 <213> Homo sapiens

<400> 2011						
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cgtccctaag	gaagattttt	gcagcactct	ctggagctga	ggggagtga	atttgggtcca	420
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tccttcacac	ctccttctca	tgggtgcggc	tggcagtacs	gtcaggctgt	ggaggagggc	540
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tactaatgta	tcccttatgt	ggtaccagca	atggaggaca	ggcagactta	ccccctgcc	720
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tgtaaaaaca	aatgcttaaa	cctgtgagcc	tgccgttcct	ttctatgtgt	taatcagttt	840
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<210> 2012  
 <211> 844  
 <212> DNA  
 <213> Homo sapiens

<400> 2012						
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gagctttatc	acaagccttc	actgtcctgg	catgagaact	ggctgccagg	ctcagtgatc	180
cccatnaact	gtgaatgaat	ctgagcttgg	tttcctttat	tgcttcctct	gcaatatgat	240

tgctgaaaca	catttttaaaa	attcagaagc	ttgtcactcc	tgттаатggg	aggatcagtc	300
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aaaa						844

<210> 2013  
 <211> 608  
 <212> DNA  
 <213> Homo sapiens

<400> 2013						
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agcttgatca	tgttatagaa	accactttcc	agtccataaa	ctgcaatgta	gaactgaaag	240
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aaagcactca	aatgaaagaa	attaatgtcc	aatttgcctt	tcagtggccc	gaagcttatc	540
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<210> 2014  
 <211> 1595  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (1284)  
 <223> n equals a,t,g, or c

<400> 2014						
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tccgcacgaa	ataaatcaga	atgagttatg	cagaaaaacc	cgatgaaatc	acgaaagatg	180
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gaatcgaaac	tagtgtggat	ctggaaacac	ttgatgaacg	aatcaagatc	cgggagatga	360
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atatatat	tgggtgctgt	tgtggtaaga	gacttggtcc	tagtggatca	atgaaccatc	1500
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<210> 2015  
 <211> 953  
 <212> DNA  
 <213> Homo sapiens

<400> 2015						
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actccttagc	agctagtgtg	aacgtgaaga	attgagaaat	atagtgatca	catcagtgtg	180
tattcattct	ggtcagcaaa	ctaggcataat	cttaagtttt	ttaggaaatc	actgttggcc	240
tccttttgtg	tatcatagt	caaaacagtt	ttaattagtt	gaattattat	agatacacia	300
gaatttagaa	aatgcgtctg	ggcgtggtag	ctcacacctg	tagtcccggc	actttgggag	360
tccaaggcga	atggatctgc	ttaagtccag	gagtttgaga	ccagcctggg	caacatgggtg	420
aaaccctgtg	tctacaaaaa	ctaccgtgtc	tacaaaaaaa	ttagccaatc	atggtgttgc	480
atgtctatgg	ttccaactac	tttgagaggg	tgtggttggg	aagatcactt	gagcccagga	540
gtagaggtt	gcagtgaagg	gagatcacac	cactgcactc	cagcatgggc	aaaaaaaaat	600
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gaatggtgtg	aaccggggag	gcagagcttg	cagtgaagcc	agattgcgtc	actgcactcc	900
agcctggggc	acagagcgag	actccatctc	aaaaaaaaaa	aaaaaaactc	gag	953

<210> 2016  
 <211> 1320  
 <212> DNA  
 <213> Homo sapiens

<400> 2016						
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tcagagtgc	ttggccattc	tttttttgtt	tgtctgtttc	aaaaaaaaaa	aaaaaaaaat	240
tccagagtct	agaaattcgg	tcatttttct	ctttatgtaa	ggtaagaatt	aagaatcctc	300
acatctgcaa	ccaaaaatac	aagcctgggt	tgtaacacta	aagggtaaaa	cagggataga	360
tataagctgt	tatgctattc	ttcaggcaac	actgtggata	agtgaattc	agatgtttac	420
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tgaggcacag	gaattgcgtg	aaccaggag	gcagaggttg	ccagtgaagg	aagatcacat	1260
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<210> 2017

<211> 617  
 <212> DNA  
 <213> Homo sapiens

<400> 2017  
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 cttaaccatc cgccttgccc tgggtggctg caccaatcgg ccgttctacc gcattgtggc 180  
 tgctcacaac aagtgtccca gggatggccg tttcgtagag cagctgggct cctatgatcc 240  
 attgccaac agtcatggag aaaaactcgt tgccctcaac ctagacagga tccgtcattg 300  
 gattggctgc ggggcccacc tctctaagcc tatggaaaag cttctgggtc ttgctggctt 360  
 tttccctctg catcctatga tgatcacaaa tgctgagaga ctgcgaagga aacgggcacg 420  
 tgaagtcctg ttagcttctc agaaaacaga tgcagaagct acagatacag aggctacaga 480  
 aacataaatg agctgacttc agtgagcata gcagtgggaa caaggtcaag gtccttttga 540  
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 aaaaaaaaaa aaaaaaa 617

<210> 2018  
 <211> 536  
 <212> DNA  
 <213> Homo sapiens

<400> 2018  
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 cttcggctcg gatcagtcgg agaattgtcg ccggggcgcg ggctccatcc gggaagccgg 180  
 tggggccttc ggaaagagag agcaggctga agaggaacga tatttccgag cacagagtag 240  
 agaacaactg gcagctttga aaaaacacca tgaagaagaa atcgttcatc ataagaagga 300  
 gattgagcgt ctgcagaaag aaattgagcg ccataagcag aagatcaaaa tgctaaaaca 360  
 tgatgattaa gtgcacaccg tgtgccatag aatggcacat gtcattgccc acttctgtgt 420  
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<210> 2019  
 <211> 451  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
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 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (27)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (34)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (434)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (437)



<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (447)

<223> n equals a,t,g, or c

<400> 2019

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gcttctcgag	agtacttcta	gagcgaccgc	gggcccatcg	attttccacc	cgggtggggt	420
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<210> 2020

<211> 272

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (271)

<223> n equals a,t,g, or c

<400> 2020

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gagtgtagta	gtctataaat	ctcattatat	acacttgaag	aatgggtgtt	ctgagtcacg	180
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<210> 2021

<211> 1346

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (19)

<223> n equals a,t,g, or c

<400> 2021

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tcagttttcc	tcctatgcaa	agaggggagc	acatctacta	ccaagatgca	aaacagttag	180
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<213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <223> n equals a,t,g, or c

<220>  
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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (382)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (388)  
 <223> n equals a,t,g, or c

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 <211> 2384  
 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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<220>  
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 <223> n equals a,t,g, or c

<400> 2036

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<210> 2037

<211> 937

<212> DNA

<213> Homo sapiens

<400> 2037

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937

<210> 2038

<211> 419

<212> DNA

<213> Homo sapiens

<400> 2038

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<210> 2039

<211> 4049

<212> DNA

<213> Homo sapiens

<400> 2039

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<210> 2041  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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<210> 2046  
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<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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<210> 2048  
<211> 1492  
<212> DNA  
<213> Homo sapiens

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<210> 2049
<211> 899
<212> DNA
<213> Homo sapiens
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<211> 2006
<212> DNA
<213> Homo sapiens
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 <211> 1242  
 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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<223> n equals a,t,g, or c

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<223> n equals a,t,g, or c

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<211> 1623

<212> DNA

<213> Homo sapiens

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<223> n equals a,t,g, or c

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<213> Homo sapiens
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<221> SITE



<222> (1525)

<223> n equals a,t,g, or c

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<211> 1703

<212> DNA

<213> Homo sapiens

<400> 2061

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
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 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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<400> 2070







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<210> 2075  
 <211> 605  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (449)  
 <223> n equals a,t,g, or c

<400> 2075						
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<210> 2076  
 <211> 3116  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1342)  
 <223> n equals a,t,g, or c

<400> 2076						
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<210> 2077  
 <211> 1073  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (694)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (1050)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE



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<210> 2079  
 <211> 1057  
 <212> DNA  
 <213> Homo sapiens

<400> 2079						
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<221> SITE  
<222> (72)  
<223> n equals a,t,g, or c

<400> 2081  
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<210> 2082  
<211> 975  
<212> DNA  
<213> Homo sapiens

<220>  
<221> SITE  
<222> (813)  
<223> n equals a,t,g, or c

<220>  
<221> SITE  
<222> (843)  
<223> n equals a,t,g, or c

<220>  
<221> SITE  
<222> (917)  
<223> n equals a,t,g, or c

<400> 2082  
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aaaaaactcg	ag					1212

<210> 2085  
 <211> 575  
 <212> DNA  
 <213> Homo sapiens

<400> 2085						
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<210> 2086  
 <211> 519  
 <212> DNA  
 <213> Homo sapiens

<400> 2086						
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<211> 1969

<212> DNA

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<213> Homo sapiens

<220>

<221> SITE

<222> (9)

<223> n equals a,t,g, or c

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<211> 1753

<212> DNA

<213> Homo sapiens

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<222> (909)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1063)

<223> n equals a,t,g, or c

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gcagtagttt	gaggggtgaa	ggaacagtga	ggattttaact	agaaatataa	tcttagtact	1200
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 <212> DNA  
 <213> Homo sapiens

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cacttttttt	tgttttgttt	gtttttgttt	gtttattttg	ccctacaaaa	actgatttga	180
gtagttgtga	cacaactatg	tgagactgta	ttgagactac	atggcctgcc	aagcctaaaa	240
aatattttaca	cctgaccctt	tacctgaaat	gtttgctgac	ctctgaatcc	gagagttgaa	300
gggaatctat	aaaagtggct	catattacca	aactcgtaga	gcttggtgaag	aataatgcaa	360
atctattcat	ttatatattc	ttttccagtg	tttttagaag	gctcactgag	cacagtacct	420
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <223> n equals a,t,g, or c

<220>  
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 <212> DNA  
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aaaaaaaaaa	aaaaaaaaaa	aaa				1583

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1705)  
 <223> n equals a,t,g, or c

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 <212> DNA  
 <213> Homo sapiens

<220>





<212> DNA  
<213> Homo sapiens

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<210> 2113  
<211> 1297  
<212> DNA  
<213> Homo sapiens

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<210> 2114  
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<212> DNA  
<213> Homo sapiens

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<210> 2116  
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<212> DNA  
<213> Homo sapiens

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<210> 2117

<211> 1287

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (1287)

<223> n equals a,t,g, or c

<400> 2117

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<211> 1544

<212> DNA

<213> Homo sapiens

<220>  
 <221> SITE  
 <222> (1534)  
 <223> n equals a,t,g, or c

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 <212> DNA  
 <213> Homo sapiens

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 gtcaggagta gcctgcagaa gcc:aggcct ttcagactgt tccccaaagg cttttctgtg 360  
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 gggctgaggg ctttacagaa attcactgag gcctatggaa gtttggtgct ttgctccctg 660  
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<210> 2120  
<211> 1913  
<212> DNA  
<213> Homo sapiens

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aagtcacatt atacagttat gcattcattt caacaaaata gtgaattgat aatctacttg 1800  
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aacttttgaa aaataataaa ataatagaat aaattaaaaa aaaaaaaaaa aaa 1913

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<211> 2192  
<212> DNA  
<213> Homo sapiens

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cttttcaata tttccacag ggaagagact tccaccctag gatagtgttg cctgaagatt 420  
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ggtgggacag gcagtacatt tgggtataaat tgattctagt gactagagtt ttgcctaaaa 540  
tgcttattag tcatctgccc caaaagaaac atttctgatt tttccaaacc aatgcagcat 600  
ttgtaaatat ttacctgtta ctaaagtgtt tttaaacatt agttctctca tttttaaaaa 660  
aatattttaa gcagtaaaca gccattgtgt acacttcact aacaaatact gaacagggtat 720  
ataaagggag aacaaaagga ttagaaaact ttttttccaa cttttgactg atattattaa 780  
tgtgtatatt cattatatga gaagagtcac atcagttcag tcctggctta aattaggtac 840  
caacattgag tgctggtaga tacaactagt caggatatga gactgaaaat ttaggtacca 900

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tcctgtctct	aaaaaaaaa	aaaaaaaaa	aa			2192

<210> 2122  
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 <212> DNA  
 <213> Homo sapiens  
  
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 <222> (1347)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (1353)  
 <223> n equals a,t,g, or c

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gctgggttgtg	cgggcctgtg	acctagccac	ggaccccggc	ttccaggcct	acagcaacaa	360
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cgtggaccag	agttaccgct	cgcggtctga	gttctccaca	ccgaargagg	aggtgggcgc	660
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gacct 1385

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<212> DNA  
<213> Homo sapiens

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ccccaaatct tattttattc attgacttga aattttttcc aattgctttt tttttttttt 240  
tttaagggtta agagcagagg tttactaggc caaagaaaga gaatagctct ctgttgcaga 300  
gaggggtcct ggagaaatgg gttaccccag ttgtcttatt taaatgggtta cccatcagat 360  
tttaatttta tcttctcttt gagagcttgg taataagaag cacttaaatac actccaaaga 420  
agactttaaa aaggggagcag tgaaaagggtc ttaataattt attgattgaa ttaagaaata 480  
ctagctaatt aagaatctga gtc:taaacag cacagatttt ttctttctgc ttttaaatgt 540  
tggtttttaa aaaaag 556

<210> 2124  
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<212> DNA  
<213> Homo sapiens

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gtaaagataa tgggaggatg aac:ctccaag cctggaactt tgggagaagc ttctcctctt 300  
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cagagagaga tccatgtgga cacatgtgcc tctccatcag agactgctat ccagacattc 420  
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agggtgacat ccaactgtta ct:ggcctcaa cttgcctttg gggatcaaga aggaagttcc 540  
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ttactgtctc tcacttggcc tgaatgattt atcacacgat cagttgcaac tgccaaagtt 660  
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aaaaaaaaa 789

<210> 2125  
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<212> DNA  
<213> Homo sapiens

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catacaacct cccccaggac acagattccg agagagagaa gaggaaggca ggtttggagc 180  
ctccaccacc accagtttcc ctcacgccct cctctctccc tccccctctt tctcaacttc 240  
ctcctttccc tctcttctct ctatgatctg tccctgcccc tctgtctctt ctctcttctc 300  
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aagtagccct gattggagga gtcattttat ttccctgagc ctttgtttct catctgcaac 480  
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gggcttgaca cgtgacactc atcaaacatt gctgagctct aatctgcata aggatatggt 600  
aagtgtctac tgggtgctgg gacaaaagggt acagatggga gcaaggcaga gatccctaaa 660  
cagacctctg ttggatcttt gtgaatacat ggtaattatt tgtttccaaa aagaggtgga 720  
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 <211> 2148  
 <212> DNA  
 <213> Homo sapiens

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 <211> 1111

表 1 2000 年 12 月 31 日	
項目	金額
現金及現金等價物	100,000,000
短期投資	50,000,000
應收帳款	20,000,000
存貨	10,000,000
固定資產	30,000,000
遞延所得稅	5,000,000
負債及權益	215,000,000
應付帳款	10,000,000
長期負債	100,000,000
權益	105,000,000
總計	315,000,000

2001 年 1 月 1 日

項目	金額
現金及現金等價物	110,000,000
短期投資	55,000,000
應收帳款	22,000,000
存貨	11,000,000
固定資產	32,000,000
遞延所得稅	5,500,000
負債及權益	235,500,000
應付帳款	11,000,000
長期負債	110,000,000
權益	114,500,000
總計	375,500,000

2001 年 12 月 31 日

項目	金額
現金及現金等價物	120,000,000
短期投資	60,000,000
應收帳款	24,000,000
存貨	12,000,000
固定資產	34,000,000
遞延所得稅	6,000,000
負債及權益	256,000,000
應付帳款	12,000,000
長期負債	120,000,000
權益	124,000,000
總計	416,000,000

2002 年 1 月 1 日

項目	金額
現金及現金等價物	130,000,000
短期投資	65,000,000
應收帳款	26,000,000
存貨	13,000,000
固定資產	36,000,000
遞延所得稅	6,500,000
負債及權益	276,500,000
應付帳款	13,000,000
長期負債	130,000,000
權益	133,500,000
總計	456,500,000

2002 年 12 月 31 日

項目	金額
現金及現金等價物	140,000,000
短期投資	70,000,000
應收帳款	28,000,000
存貨	14,000,000
固定資產	38,000,000
遞延所得稅	7,000,000
負債及權益	297,000,000
應付帳款	14,000,000
長期負債	140,000,000
權益	143,000,000
總計	497,000,000

2003 年 1 月 1 日

項目	金額
現金及現金等價物	150,000,000
短期投資	75,000,000
應收帳款	30,000,000
存貨	15,000,000
固定資產	40,000,000
遞延所得稅	7,500,000
負債及權益	317,500,000
應付帳款	15,000,000
長期負債	150,000,000
權益	152,500,000
總計	537,500,000

2003 年 12 月 31 日

項目	金額
現金及現金等價物	160,000,000
短期投資	80,000,000
應收帳款	32,000,000
存貨	16,000,000
固定資產	42,000,000
遞延所得稅	8,000,000
負債及權益	338,000,000
應付帳款	16,000,000
長期負債	160,000,000
權益	162,000,000
總計	578,000,000

2004 年 1 月 1 日

項目	金額
現金及現金等價物	170,000,000
短期投資	85,000,000
應收帳款	34,000,000
存貨	17,000,000
固定資產	44,000,000
遞延所得稅	8,500,000
負債及權益	358,500,000
應付帳款	17,000,000
長期負債	170,000,000
權益	171,500,000
總計	618,500,000

2004 年 12 月 31 日

項目	金額
現金及現金等價物	180,000,000
短期投資	90,000,000
應收帳款	36,000,000
存貨	18,000,000
固定資產	46,000,000
遞延所得稅	9,000,000
負債及權益	379,000,000
應付帳款	18,000,000
長期負債	180,000,000
權益	181,000,000
總計	659,000,000

2005 年 1 月 1 日

項目	金額
現金及現金等價物	190,000,000
短期投資	95,000,000
應收帳款	38,000,000
存貨	19,000,000
固定資產	48,000,000
遞延所得稅	9,500,000
負債及權益	399,500,000
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 <223> n equals a,t,g, or c

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 <212> DNA  
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 <212> DNA  
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<210> 2147  
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 <212> DNA

<213> Homo sapiens

<400> 2147

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<211> 2631

<212> DNA

<213> Homo sapiens

<220>

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<223> n equals a,t,g, or c

<400> 2148

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<212> DNA
<213> Homo sapiens

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<223> n equals a,t,g, or c

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<220>
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <223> n equals a,t,g, or c

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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (368)  
 <223> n equals a,t,g, or c

<400> 2169						
gaattcggca	cgaggtggaa	ccc:aaaacgg	gttttggttt	gctgtgctgc	tatgaaagta	60

cacaaaagt	tgctgtgtac	actttgtgat	tgcctctgaa	attcgatgtg	gtttattcta	120
gacttgggtg	tggtgtaggc	agggcctaca	tccaaggagc	tgattgggtca	atgaaggcgc	180
ctccctctca	ttgggtctctg	tggtgtcat	tctgtcacc	tcctccctgg	ctctttgccc	240
tcaataaact	ggctcaaaga	gccttgga	agcattttat	tcacagctct	tatgcgaact	300
ctgtgtagac	cctggacaac	taaatctgct	ttcccatttg	caaaaaaaaa	aaaaaacccg	360
gggggggncc	cg					372

<210> 2170  
 <211> 427  
 <212> DNA  
 <213> Homo sapiens

<400> 2170						
ggcacgagca	tgaccaacta	gaattaaagt	aagtgtaaac	agtgaacata	ctgtatgctg	60
tacaagatat	aatgtaactt	gctgttttag	catctgtatt	ttggtttagaa	gatattatta	120
aatgcagatg	ttaaggattg	gaaaagtcta	atctttatttt	tagaaataat	ggatataaat	180
ttgtttttgc	ttgattaaaa	tagcttattc	ctacattaag	tctcttttta	aatgttttca	240
tggtattttct	tttgtgcagc	tatttcattc	gtgtgagtc	cagctttgtt	tccacgtatt	300
attcagttta	tttctgtttc	cttacttgtt	tacattccgt	ggtacctact	tacatgctta	360
ggagtcaa	ggattatgac	attaggaaaa	aagcagaata	aaagagattg	aagtcttaaa	420
aaaaagg						427

<210> 2171  
 <211> 304  
 <212> DNA  
 <213> Homo sapiens

<400> 2171						
cggcacgaga	aaacatccaa	gcttcttacc	tgtagataga	atcagccctc	agttgggtgct	60
tattaccagt	tattcaagaa	caataacaac	aacaaaatta	gtagacatcc	aagaagcaca	120
tattaggacc	aaagatagca	tcaactgtat	ttgaagggaac	tgtagtttgc	gcatttttatg	180
acattttttat	aaagtactgt	aattctttca	ttgaggggct	atgtgatgga	gacagactaa	240
ctcattttgt	tatttgcatt	aaattatttt	tgggtctctg	ttcaaaaaaaaa	aaaaaaaaaaa	300
aaaa						304

<210> 2172  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 2172						
ggcacgagga	aatgagttaa	gacttttgggg	actgtgggaa	gggcattggt	gtgttttgaa	60
atgtgaggac	atgaaatttg	ggagggacca	ggggcaaaat	gatatgggtt	ggctgtttcc	120
ccacccaaat	ctcatcttga	attgtagtcc	ttagtcccca	tgtgtcatgg	aaggggacctg	180
gtgggaggta	attgtagggt	gtttacccca	tgctattctt	gtgacagtaa	gttctcataa	240
gatctgatgg	ttttataagg	ggcttccac	tttactcagt	tctcattctt	ctccttccta	300
tcaccatgtg	aagatggaca	tggttgcttt	cccttctgcc	atgattgtaa	atttcctgag	360
gcccccccag	ccctgcagaa	ctgtgagtc	attaaagcgg			400

<210> 2173  
 <211> 703  
 <212> DNA  
 <213> Homo sapiens

<400> 2173						
aattcggcag	agggcgattt	gtgcatgcct	gtgacacctt	tctcttcatt	cttctgtgcc	60
tctatgattg	ttacaccttt	tttatttttt	ttcttttttg	agacagcctg	ggcaacagag	120
cgagactcca	tctcaaaaaa	aaaaaaaaaa	tatatatata	tatagataga	tagatagata	180
gatagataga	tagatagatc	tgtgcttcc	tggtcccatg	ttttgtacat	gctattttctc	240
gcactctgcaa	tgtccattct	cttcttccat	tccccacctt	ttcctcactc	ccaaatggat	300
aactcacact	tgctctttta	gatccaactt	acatattatt	ttctttgtgc	tccagtagct	360

ctttgcattt	ctcttatagg	aattaccatg	ttgtgtcttg	tctgtctggt	agtttctctc	420
ataagaatgt	aagttcatca	aaggaatgga	ctgtgtctca	tttttagctt	gtttctgagc	480
ccaaagctag	aattgtgttt	gttttagcaca	atgcttggcc	acagcaagca	tctatgatgt	540
tgtttaaact	gactttaatc	ctataaatca	atgtctcccc	tcaaagtgtg	cccactagta	600
ccaggagatt	tttcaggaaa	atgtcctata	gtctaataat	ttggcaaatc	acaaattcta	660
tgtaatagtg	tatataggct	ctagaaagac	tagcaaaaaa	aaa		703

<210> 2174  
 <211> 675  
 <212> DNA  
 <213> Homo sapiens

<400> 2174						
aattcggcac	gaggaaaata	tagaaccttt	tcatcatcac	aggaagcttt	catggacagt	60
gctgctctag	agtatatcaa	tggcattgga	aattcataag	ccaagagtgt	ctttcaaata	120
tcagctaatt	aatgaactaa	tatcacgtca	gatatcacct	ctataacatt	twaaaaatac	180
tcattgtgct	attatggcta	gtcgtgcaat	gaagatgaaa	tcaacctaaa	tgcccatcaa	240
tgacagattg	gataaagaaa	acgcagtagc	tatacacctg	ggaatactat	gcagccatgt	300
aaaaagaacg	agatcatgtc	ttttgcagga	acaccaatgc	tgctattatt	ctcagcaaac	360
taatgcagga	acagaaaacc	aaatctacta	tgttctcact	tataagtggg	agctaaatga	420
taagaacctg	tgaacgcaaa	gaaggaaaca	acagacgctg	gggtctatgt	gagcgtggag	480
aatgggagga	gggagaggag	cgcaaaaagg	taactcttgg	gtactgggct	taacacctgg	540
gtgatgaaat	aatgtgtaca	acagaccctc	aggacatgag	tttacctatg	taacaactat	600
gtaacaaacc	ttcatatgta	gcccccaaac	ctaaaataaa	agttcaaaaa	aaaaaaaaaa	660
aaaaaaaaaac	tcgag					675

<210> 2175  
 <211> 432  
 <212> DNA  
 <213> Homo sapiens

<400> 2175						
ggcacgagaa	ggtattccat	gcagggtgaat	tttctaaaaa	tactttactg	acacaattta	60
aaaacacttt	tgatgctcat	ctttattaat	catattataa	ttagcctttt	ccccccagaa	120
tatatagagc	atagtttaac	ccctttttta	tgactcagaa	ttatcattat	gaccagatac	180
tattatcttt	agagtctgct	aatgttattg	gtctttttga	ccctgtgcca	aatgggtcca	240
ggctagcatg	ccttctgagt	tccttgcttt	taagaattgt	attcctacca	catactcccc	300
ttgccccctg	ctctctactt	taattttcta	tttcagtcaa	gtgtatttgt	ccctaacagt	360
ttcccttctt	attttcccca	aatgactatc	agctttgaaa	tgataagcca	gaaaaaaaaa	420
aaaaaaaaaaa	aa					432

<210> 2176  
 <211> 794  
 <212> DNA  
 <213> Homo sapiens

<400> 2176						
gcacgagtc	agccttgacg	ccctctcatga	gtgtggctgc	agacatgctg	tccggcccct	60
ccctgtgctg	ctgaccccc	ctcatgggtc	ccccagtggt	ccgtccccat	ccctgagtta	120
cggagccgcc	tgccgatgcc	ccgcccatcc	ctgacttttg	gtctcctgct	ccccagccag	180
cacctctgcg	ctaaccacac	ccctctacaa	cattttttta	accccaaaat	tatagcctga	240
atgttcgctt	ttagtctggc	cajgggatct	gactcctgag	ttgggtgctc	tccctgctc	300
actccagtca	catagagaat	tggtgtttcc	cgcagtgggg	atgcagctgt	tggacaggta	360
ttggggggcaa	ggttggtagg	gaggacagac	tgctacttgc	tgttacaggc	acaggtgatt	420
aaaatgctaa	atattgcaaa	tttaagcttt	gtcagtatat	ggaaaagtgt	aagggaaaat	480
actggaatgc	ttcttcaaag	gttaaaaaat	aaccgagctc	tttggttaatt	tgacccacg	540
tgctctctgg	ccctcaagca	tgtaacctcg	gggtctgagg	cccaggaccc	acccccctgc	600
cacccctccc	acccactcc	ctgctcagta	cctggcggtg	gtacacaggc	aaggattggc	660
acaaccaaaa	ttggcctttt	tctccctctt	aatattgaag	aaattccac	atttctcatt	720
tggtaatggt	ggtgtggcct	cagatttctt	ctagtatttg	cttctgatga	atgattatgg	780
tctatacata	aaaa					794



atctctccat	ctcctcgtaa	gcacttgtaa	ttgtctacct	ttgattatag	ccaccctagt	180
gaatgtggaa	tggcttctca	tgggtggttt	gatttgcatt	tccctgggtg	ttagcatctt	240
ttcacgtgct	tcttggccat	ttgtatatct	tctttttttt	ggagaaatgt	ctattaaaaa	300
cctttgccca	tttttaaaaa	aaa				323

<210> 2180  
 <211> 674  
 <212> DNA  
 <213> Homo sapiens

<400> 2180						
ggcagagcgg	cacgagaaat	tttatatgga	gttaacatgg	gaaaccttat	gatggaattt	60
aaagattatc	taatgtagag	tataaataag	atgggtgaaa	gtgtgaaatt	gtaatcagac	120
tgttttatatg	ctaaagttaa	tcctgtttct	taaactgcgt	aatgtaggta	accttttctc	180
ttacatttaa	tgaagtagaa	tacacctttt	aggagcaatt	aaatactgaa	atgggttaatt	240
tgtgttttaga	agtgtgattt	tctttttttac	ttagagtcca	ttttgccttg	tatagaagta	300
cagttttttaa	aaactcaaaa	tgacctagag	gaagtttcat	ttttaggggc	ggtggagggtc	360
ttaatcagaa	ttagttccgc	agttaaatag	caaacagtaa	gttgtgagta	gtcaaggatg	420
ggatgataag	agcagtattt	tttgcaactt	aaaatgaaca	ttttcttaaa	ttatcagcaa	480
ggcttatttg	accaagatg	aggtaggatt	aagggtgattt	atattttacct	ttttaaactt	540
ttctgtattt	ttttattttt	aaattttcca	taaaaatata	aggacttgaa	gatcaagaaa	600
aaattttctgc	tttggctcac	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	660
aaaaaaaaact	cgag					674

<210> 2181  
 <211> 650  
 <212> DNA  
 <213> Homo sapiens

<400> 2181						
ggcacgagct	gctgtggggc	caagcgcac	atgaagggaag	ctttccgctg	ggccctcttc	60
agcatgcagg	ccacaggcca	cgtactgctt	ggcacctcct	gttacctgca	gcagctcctc	120
gatgctacgg	aggaaggcca	gcccccgaag	ggcaaggcct	catcccttat	cccgacctgt	180
ctgaagatac	tgcagtgaag	gcccaagctc	ttggaagctt	tccccagtga	aggactgact	240
ggggggcctca	cgcttaactg	gtagtgccca	caagcctggc	agctgtagag	ccgcgaacct	300
ccccacacct	ccctcaccgc	gcaggaccct	gagtgaaggag	gaggagctgg	aaacctgggg	360
tgggttgggc	aaaggagaa	ctcaagctcc	tggcctgata	cagctccttc	ctgcccgaag	420
cagcttagcc	catccagact	ggctctgaag	tctgtccctc	cattggcatg	aagtctgcc	480
cttagcaatc	cggcctcgca	ggctgtactt	tcattgggtg	ctctaccttc	tggcccccat	540
cccggaaacat	tcctgagtga	attcgcaagc	gcactagcat	gtgatattag	ggagtttgca	600
ataaattatt	gaggctgaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa		650

<210> 2182  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<400> 2182						
gggctgcagg	aattcggcac	gagctcttgt	gtgctggtag	agattttaat	cctgattttt	60
ccataaaaaa	tgagtattaa	gaaataattc	ctgggtttgga	gaaactggag	aaatcaccct	120
tttaaggaag	aaacactgga	aatctctgct	aacaccaaga	tatttaagag	tgtacatagt	180
aggtgctcaa	caaatttatt	gaatgaatga	gtgaatggaa	aaactgggag	agtcaaaagt	240
gagcagaagc	tctccatttc	tacttctgtc	acaaaccaca	ttaaattgta	aataaggccc	300
ttctccactt	gacttcaggc	agcagattgt	ctagaagcct	aaggacagca	atttctctga	360
caagacaaag	tagatatttt	ataccagggg	ttggcaaact	actgcccacg	ggccgaattt	420
ggcccagctc	gtttttgtat	gggtgcaaact	aaaaatgatt	tttacatttt	taaagagtta	480
taaaagaaaa	aaatatgtgg	tcgtgaaat	ctaaaatatt	tactacctgg	cctgttggag	540
gaaaggtttg	ccaattctctg	tttataacca	ttaaactatga	gattaacaaa	aacttttacc	600
tttgtgcaga	aggttaaaaa	aaaaaaaaaa	tgggttaagga	aaaggagaca	tgttacctct	660
tcatacactc	ctataactgt	ggcattgcaa	aaaataaaaa	taaccacctt	taaaaaaata	720
aatcttattt	aaattgcaaa	aaaaaaaaaa	aaaaact			757





cactggtagg	aatccataaa	ctgtcctcct	ggtgggctgt	aaacaactca	ccctctatgc	240
atctcacatc	aaaattccag	tttcttgga	aaacaagtct	gtttgcccac	tttgggtcat	300
atttccacct	ccatgttact	caggcatgat	tcactctgca	gttatgtgta	tagatatttt	360
gctactgttc	cacccttacg	ctgtgctggg	gagggaggtg	tcactgtgag	ctgtgtcggt	420
gccttaagag	atatctgttg	tgtcttatta	cttgggttgc	tttccccaca	tgtacaatga	480
caaaaatgcc	ttcaacctat	ttgatccagc	cgttccagta	caactcctat	acttgccatc	540
tttccaagcc	caaaggtaca	tccagctgat	ggaaggagca	tcttggtggt	aatattcttt	600
tagtcatggt	ctctgaaagt	aaaatgtcta	ttcttcta	tctggcaca	tcttatctag	660
ctatagtctc	tcatggctct	gcactccatg	gactaaattg	taagtataat	tactaccaat	720
gtactctata	aataactttt	ggggccaggg	tggcaatagt	tgctagagaa	aaaaaaaaaa	780
aaaaaactcg	aggggggggc	cggatcccag	tgcgancnn	t		821

<210> 2185  
 <211> 735  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (3)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (4)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (16)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (22)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (710)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (711)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (734)  
 <223> n equals a,t,g, or c

<400> 2185						
acnaatggc	acatcnccct	tnctattggg	aacacaagct	gagctccacc	gcggtggcgg	60
ccgctctaga	actagtggat	cccccgggct	gcaggaattc	ggcacgagca	aggggtccct	120
tttctccaca	tgcttcccag	catttggtat	tgcttttttg	ctataagcca	ttttaactgg	180
ggtgagatga	tacattgtag	ttttgatttg	catttctctg	atgatcagtg	atgttgagga	240
ccctttcata	tgctgttttg	ccatttggtat	gtcttctttt	gaaaaatgtc	tattcaata	300
ttttgcccag	ttttaaatca	gattaagggtt	tttcttatag	agttgtttga	gctctttgta	360
tattctgggt	attaatccct	tgctcagatga	gtagtttaca	aatattttct	cccattctgt	420
ggcttggttc	ttcactttgt	tgattgtttc	ctttgcagtg	cagaaacttt	ttaacttgat	480

gagatcccat	ttgtccattt	ttgcttttagt	tgccctgtgct	tgtgggggtat	tactcaagaa	540
atTTTTgccc	agactgatgt	cctggagagt	ttccccaata	ttttcttgta	gtagtttcat	600
agttcaaggt	cttagattta	aggctttaat	ccattttaat	tatatTTaaa	aaaattTaaa	660
aaaaaaaaaa	aaaaaactcg	aggggggggcc	cggtacccaa	ttcgggggatn	ncccgttccg	720
ttcccccccc	ccgna					735

<210> 2186  
 <211> 1372  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (386)  
 <223> n equals a,t,g, or c

<400> 2186	tcgacccacg	cgctccggcaa	ttcttttctg	aggtccaggg	tggtgcaaac	tcatggcctt	60
	ggggccacgtt	ttaccttcag	tgagggtttt	tttggcttgc	aatgagtaca	tgggttttag	120
	ggtgaatgtg	agagtctgca	gacaaatgtg	gttctccgac	tgccctccca	gtgaagggtg	180
	acctctgatt	tagaccggcc	cgctggggccc	gtgcctacat	ccttttctc	agcgtcagga	240
	tcttagtccc	catgattgct	gccctttgt	ggtctgcatg	tttcttggtg	aggggtgccc	300
	gtcwagtgtc	tctgggagcc	ccctcttctc	tgctcatctc	argctcccca	cttgcatgtg	360
	ccgtggtggc	tgcacatgct	cccggnatac	ccctccagca	ctcccttttg	tcatcttgag	420
	tttcagtccg	tgacttggtt	ggcaccctat	cttctccatc	agggatggta	gctatttttc	480
	tgccatgaga	ctagagggtg	cttgagaaca	ggaaattgga	tctctccctt	caggctggga	540
	tttactaag	ggytggagaa	kgggggaata	tgggaggatt	atctcctatc	acagggagcg	600
	ctctgagggc	aaggctgygt	ctcggattca	gactgacggt	tccctgagga	tggggctgtt	660
	tctccctccc	gactggggct	ccctgaggat	ggggctgttt	ctccctccc	actggggctc	720
	cctgaggaca	gggctgtgtc	tcctctcagc	ctggggctcc	ctgagtcagg	gctgtgtctc	780
	ccctcagact	ggggctccct	gagggacggg	ctgtgtctgc	ctcagactgg	gaatccctga	840
	agatggggcc	gtktctccct	caaagtggg	ctccytcagg	acagcgttgt	ktctccctc	900
	agactgcggc	tccttgagga	cgjggctgtg	tctccctcag	actggggctc	cctgaagaaa	960
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	ccatctggag	ctccctgaag	gcaatggcct	ctccctcaa	atgggacatt	tgcacccac	1260
	cccacctct	ggctcccat	ggcgcccg	cattctctcc	aggacaccat	ttgtcacgct	1320
	ttgatgaatg	aaacttacta	agaataaaaa	aaaaaaaaaa	aaaagggcgg	cc	1372

<210> 2187  
 <211> 580  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (3)  
 <223> n equals a,t,g, or c

<400> 2187	ggntcgaccc	acgcgtccgg	acatttgtct	tcatgaagca	gatttgcact	ggaaccattg	60
	ctttactctg	ggttgaaatg	ccattgtttt	ggggacagac	ttttaaaatg	cccttgtgtc	120
	tcccagtga	gagccctaag	cattgacttc	tctaccctaa	aactgtttga	gagagggaga	180
	gtggggccctg	gctttctcaa	gcatgggtcg	ggggttcagc	ggggcctctg	tcttttgtgg	240
	tgaccctca	ggggtttcat	tgtttctctc	tgacttaagc	aatagagaga	gaatttgttt	300
	tggtactctt	cagaggaatt	gtgctttggc	tcataacttg	gccatgttct	ccatgaatta	360
	gttctctctat	tttttttttt	aactaacctta	aaagtgtctc	ctatcttgat		420
	ttcactggaa	tataggcttt	aggagctctg	taaggctggg	atttttgtct	gttttatctt	480
	ctactgtatc	gccagtgcct	gcgaacagtgt	ctggtgcaca	taataggtgc	tcaataaaaa	540

tgtgttcaat ggaaaaaaaa aaaaaaaaaa gggcgggcgcg

580

<210> 2188  
<211> 2120  
<212> DNA  
<213> Homo sapiens

<400> 2188  
ccacgcgtcc gagaaagtcc aggcaggaac ctggttgtat atgggaagga actgatccaa 60  
gttgggaggt taaaatccaa ggaaccagct cagatctgag acttgtgaac taaccttcgg 120  
ggctaacagg ccagcagggtc agccaggatg gtgaggggtga ctttgctccc aggcagtttt 180  
ccactccacc ctcaggctgg aggttgtttt aaatatatta tgtgagggaa gaaagggag 240  
ccagcatgat catctggggc tgtctgctaa tcgtgagcgt gtgtgtagag gggacagaga 300  
gttttagact tggcaacagc aatcttttat ttatgattaa gtataagagt aggatgtaaa 360  
gtccatttgc gttttagctg ttatttacca tgctttaagt taggtgattt taaattattc 420  
acattaaatt attcacattc tcatcgcttt agtttcttaa ccttatactt ctttcaagat 480  
gtccgccaac ccctgaaaat atgtggcaca gttgttggtg cacatatgtg tattttgttg 540  
ggtagagggt gcacctgact cagtaaagat tcagtcgtgt aattactgta ttgctttctc 600  
ttagctcaga tgggtataatg caagcatata tatttcttca ttgtaaactg ttctcaagag 660  
gcgattttct actgattcaa gttaaattata gagagggtgag acagatacat ttaaaattta 720  
catcttttagt ctaaccacaa cattttttct catattaatc agcaagcttt taatttttag 780  
ttcagaaagg agaagtataa agttggaaaa aatgcatgtt tgaaagcaca caatgctgcc 840  
ctatatagat agagagagag agagtataaa aatcaaaaatg aaacacaacc tgcaaatgtc 900  
agagaacata tttggaagag gaaatgcagc tggatttgcc caaatttgca aaacaccaga 960  
tgttcccaca gcttgtagat gatgttaaaa atgtaaaata aatgtgtact attcatacac 1020  
agtgtgcagt tttcaaatgt gta.cccacat ttaatttaga aagaaaatttt tggaaagaac 1080  
tggtaagcta attctcgagt gcataacaag aacaataagc aattgttcag atactagaat 1140  
tcagaaagga atattcccaa ggcctgaact gagtgcccaa tccactggta aaacatacca 1200  
gagaaggctc ttcactttca tggtaacagt cattccattg ccatttacat ttgcagaatt 1260  
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<212> DNA  
<213> Homo sapiens

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taatgctccg agaggaatgt gtacttgggc aaagtcatgc aggaagggtca tatcagagct 540  
gtggaggctg gagtgtcctg attcttggac cacagatgtc tccctgagcc attatttatt 600



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gntaatgtcg	cttatgaatc	cacttcttcc	tnatctgtag	agttaaaaac	tacttag	1917

<210> 2191  
 <211> 1164  
 <212> DNA  
 <213> Homo sapiens

<400> 2191						
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tgtgtcccag	ctagtccact	cctttcgccg	tgctggtggg	aggctggcct	ctctggctgg	180
gtgcagtga	tggccagcgg	gtttcttttc	tgctgggcca	aggcgctttg	ggggtggagg	240
gggtgggtgct	gggtgctgcac	tgggctgact	gcggcgctga	cgcagcgttt	ccccccatcc	300
ctgttgccctg	tgtgttgtgt	ggatctgttc	ctagtatagg	caacataatg	agatactgtg	360
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 <211> 1180  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (25)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (35)  
 <223> n equals a,t,g, or c

<220>  
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 <222> (40)  
 <223> n equals a,t,g, or c

<220>  
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 <222> (1174)  
 <223> n equals a,t,g, or c

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tatgtttata	cttgtaaaata	tgattgtgtg	tagtgctcct	gttgctcatg	gtgtcctgcc	240



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acttgatca	tttgtttcat	tttgcttttg	atatgttggt	ttttagaatt	acctcttaaa	1920
attttgattt	aattttataa	tcagtataaa	tgtttataaa	tttccaaatt	cagatcagca	1980
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<210> 2194  
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 <212> DNA  
 <213> Homo sapiens

<400> 2194						
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tggggcactg	gcttcaaaca	attcagttca	gtatcattac	ttttaatctc	atctttcctt	180
tcttggtagt	tgtaataaca	gttatggaaa	agaggcacat	tgcatagaag	ccattgggga	240
gttcagtggg	agttctgtaa	gatgtgcatg	tactatttga	tgcgttttct	ttgcttcact	300
gcttttaata	cttagcagta	ttgttggtct	aagtcaattt	gattattgag	gagtctcaga	360
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ctttcttttt	ttttccccc	caactgctgt	ggcttttcag	ttaaaatttt	gtttataaaa	780
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 <212> DNA  
 <213> Homo sapiens

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 <211> 939  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (935)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (938)  
 <223> n equals a,t,g, or c

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<210> 2197



<211> 588  
 <212> DNA  
 <213> Homo sapiens

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 ccaaccctg caccaacca gaatacgttg ccagcagagt tctttattta gttggcattg 420  
 gttttttattg accctgattg aatttgaaat tgtaaggctg agagaggatt tgcaaaacat 480  
 ttgaatacat tttgctcacg gtattgtttt gtaacttggg ggaatttatc tttttagcca 540  
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 <212> DNA  
 <213> Homo sapiens

<400> 2198  
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 tactttgaaa aactawaaag cattccacaa atatgagatg atgggtattt ccatccataa 2220  
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<211> 357  
<212> DNA  
<213> Homo sapiens

<220>  
<221> SITE  
<222> (22)  
<223> n equals a,t,g, or c

<220>  
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<222> (39)  
<223> n equals a,t,g, or c

<220>  
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<223> n equals a,t,g, or c

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<211> 567

<212> DNA  
<213> Homo sapiens

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<212> DNA  
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<223> n equals a,t,g, or c

<400> 2206



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<212> DNA
<213> Homo sapiens

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<220>  
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<210> 2213  
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 <212> DNA  
 <213> Homo sapiens



<212> DNA  
<213> Homo sapiens

<220>  
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<222> (251)  
<223> n equals a,t,g, or c

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<211> 1863  
<212> DNA  
<213> Homo sapiens

<220>  
<221> SITE  
<222> (1825)  
<223> n equals a,t,g, or c

<220>  
<221> SITE  
<222> (1836)  
<223> n equals a,t,g, or c

<220>  
<221> SITE  
<222> (1837)  
<223> n equals a,t,g, or c

<220>  
<221> SITE  
<222> (1851)  
<223> n equals a,t,g, or c

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ccgctctgct tactgagtat ttttatattg gactcaaatc atgatatgga atcatttgta 360
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gtaatcatcc tggtagggag agggatattt tatactatag gacagatgga gagtgtgtac 480
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aaagcaaaga tagaagacat gcctttctat ctcttcacct ctgatgcatt cagagctaca 600
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aaataatggg	actaattagg	acctttcata	ttacctagtc	cagcagtcga	acccatgtga	1320
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aaactcgag						1389

<210> 2224  
 <211> 1988  
 <212> DNA  
 <213> Homo sapiens

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 aaaaaaaaaa 1988

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 <211> 1301  
 <212> DNA  
 <213> Homo sapiens

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<210> 2226  
 <211> 2192  
 <212> DNA  
 <213> Homo sapiens

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<400> 2228
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<210> 2229
<211> 2108
<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (78)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (219)
<223> n equals a,t,g, or c

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gccytctgcc accatctccc ctgtcatccg ccaactggcc accagtggcc gcttcattgt 300
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gaaatcctgg	ggtgagtggg	gtcacccccac	tcccagttgc	tggcagagac	tgagactaaa	2040
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<210> 2230

<211> 2266

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (85)

<223> n equals a,t,g, or c

<400> 2230

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aaaagaggcc	cttcttctct	acccaagatg	cagggtgtgt	ggggccagga	gtttggaccc	1260
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<400> 2231
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catgtacatt gccgacctgg gccccggcat tgccccctct gcccttgga ccatccaga 180
actgcccacc ttccacactg aggtagccgg gccactctgc tagagtccat ccgccaagct 240
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caggaggagc aggagcaagt gagagccacg agccaagggtg ggcacttgat gtcggatctc 360
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cagccacagg cagaggagga cgaaggacgac tgggaatcct agggggctcc atgacacctt 540
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cngacctgct tccctgggag ggggtgacgg nccagcact gtgnggagac cagcttcnag 660
gagcggaagg ctggcttgag gccacacngc tggggcgggg acttctgtct gcctgtantt 720
catgggggga cggctccacc cggcctgcgc cactgtgttc ttctcttaag aggcttccag 780
agaaaacggc acaccaatca ataaagaact gagcaaaaaa aaaaaaaaaa a 831

```

```

<210> 2232
<211> 972
<212> DNA
<213> Homo sapiens

```

```

<400> 2232
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ggaaccatgc tacctgggtg tttatggtac ctggcaagggt gcagggtgaag ttgctgctct 180
tgggcattga acccgtcttg tttggggcag ctccaggcccc aggcagggtc cgggttggct 240
ctcgttggtg tggccctggc ccatccagac ctatatctct gccgtcctgc aggtgatcaa 300
tgttgatggg acgaagaggc ggaccctcct ggaggacaag ctcccgaca ttttcgggtt 360
cacgctgctg ggggacttca tctactggac tgactggcag cgccgcagca tcgagcgggt 420
gcacaaggtc aaggccarcc gggacgtcat cattgaccag ctgcccgacc tgatggggct 480
caaagctgtg aatgtggcca aggtcgctcg aaccaacccg tgtgcggaca ggaacggggg 540
gtgcagccac ctgtgcttct tcacacccca cgcaaccccg tgtggctgcc ccatcggcct 600
ggagctgctg agtgacatga agacctgcat cgtgcctgag gccttcttgg tcttcaccag 660
cagagccgcc atccacagga tctccctcga gaccaataac aacgacgtgg ccatcccgct 720
cacgggcgtc aaggaggcct cagccctgga ctttgatgtg tccaacaacc acatctactg 780
gacagacgtc agcctgaagg tagcgtgggc cagaacgtgc acacaggcag ctttatggg 840
aaaaccttgc ctctgttctt gcctcaaaag cttcagacac ttttcttaaa gcactatcgt 900
atttattgta agcagttca agctaataca atatgagcaa gcctatttaa aaaaaaaaaa 960
aaaaaaaaactg ag 972

```

```

<210> 2233
<211> 1695
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> SITE
<222> (1256)
<223> n equals a,t,g, or c

```

```

<400> 2233
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agcaggctgt agacgagggt ctggccgaga atgtcatggt tggaccaaga cttcccatgg 120
ggctgctgtt tgtggccagt ttcttggttt tatatatcca atgtgtacat atgcccagaa 180
gctattttgta atgggaggtt tttaagaaat tcataaaatt aaaacactcc acacatacaa 240
aactctttct gaaatgtgac atcttaaaat ttttttctca aagtgcataa aawtaaaaca 300
gcgtaacagc catctctttg taatatgctc tcttatattt aatttttatt aatcttcacc 360
taaatactag ataacatcat gaagagagca aaataaaact gccatctcag tttaaatggc 420
caacagtcct cttttgatgt ttatttcttt gaaacaaaaa gcaccctaca ttttattttg 480
gagcaaacag tcatacagaag taatgtgaat ttgtatggtt tgmcaaaaag ttttmcataat 540
atgwtttaaa aggtgtttat gtawtatgaa ttamcttggt taaaaaagag atmcaagattt 600

```

ttcaaagagc	aagcatctga	atglttaagaa	ctgagttcat	tgagggttaa	ttgtttctcag	660
gaagtttaag	gtaaaaaaga	aagaaaaaga	ttgtacttct	cctatggcag	gaagagggtc	720
atttccaggg	tagagacttc	tgaaatccat	aaaatmcatt	ccagatccaa	gacttcatgc	780
atcatacctg	gacactgctg	tcatagagag	agwcttgtga	gtgggtttcct	ttcattttact	840
gaatagagat	aaaaatgccc	aaagcatatg	tgaggggcaa	attttaaaaa	ttaattttaaa	900
aattctgktc	tgkttaacac	taataatctc	taatgtatcc	aactttttcaa	ttattgaaaa	960
tccaaaagtc	aaatgkggag	caaaccttga	aacwtagagc	agtaatgaat	atctgctgcc	1020
aatagcaaaa	tattcaccaa	aattcaagca	gaagggtgaat	gtgactgaat	gagagggtcct	1080
taagcttttt	catgccatgg	accttttggt	agtctggcta	acgttttctaa	taaaacaaaa	1140
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amcaggaggc	ttgatattga	ctcttttttg	aagtaggatg	agcataaatg	atacattgaa	1320
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tagaaagccc	tgatgtaaat	gtacaatgca	aggctcatggc	cataaatgta	tagtttcaca	1560
tatttgccct	tggtcaagat	tttgtcta	atcttggtta	tttttagccag	tgagtagtat	1620
ttaccacatg	ggttttctact	acaaagaggt	taaaaataaa	acagcaacaa	caaaaaaaaa	1680
aaaaaaaaac	tcgta					1695

<210> 2234  
 <211> 1320  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> SITE  
 <222> (490)  
 <223> n equals a,t,g, or c  
  
 <220>  
 <221> SITE  
 <222> (615)  
 <223> n equals a,t,g, or c  
  
 <220>  
 <221> SITE  
 <222> (1099)  
 <223> n equals a,t,g, or c  
  
 <220>  
 <221> SITE  
 <222> (1115)  
 <223> n equals a,t,g, or c

<400> 2234						60
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cgcccacctc	tgcatttgac	tgttccaagt	acctcaggaa	atgacctcat	gcgggtctccg	180
caggttcgcg	tccatcttgt	ttattttccag	cgttttggccc	gtgggagcga	tgagcgcacc	240
tgttcagccc	ctgcttttcag	ttcttttcagg	gagttctcac	gtgggtcttca	gaggttccca	300
cacgctgctt	cccacagcag	ctgcaccatt	gtacattcca	acagcaacgg	acaaggggtc	360
caatctyttc	gtatttyttg	aaacattttac	tattttatgt	ggkkgttttt	tcttttcttt	420
tttttttttt	tttttttgaga	cgaggtctcg	ctctgtcgcc	caggctggag	tgcagtgggtg	480
cgatctcggc	tcactgcaag	ctccacatcc	cgggttcccc	ccattctcct	gcctcagccg	540
cccagagtagn	tgggactaca	ggcgcccgct	accacgccc	gctaattttt	tgtattttta	600
ttagagacgg	ggtttcaccg	tattagccag	gatggctctg	atctcctgac	ctcgtgatcc	660
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agagcttaca	gagcgataat	ggctcacctt	tcacagcgac	agttacccga	aacacatctt	840
cagccctagg	aattcagtg	cgccttgact	cggcacggag	gccacagtct	ttgggggaaag	900
tagaaagagc	taatcaaat	ctaaaaagga	ctcttgctaa	actatgcca	gagacatcag	



[illegible]

```
<210> 2238
<211> 525
<212> DNA
<213> Homo sapiens
```

```
<210> 2239
<211> 861
<212> DNA
<213> Homo sapiens
```

<210>	2240
<211>	571
<212>	DNA



<213> Homo sapiens

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<400> 2240
ggcacgagat aagatctagc tttgcattaa ggaagctaga aactgaagat tgctatgtag      60
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tatttatatg caaaattggtt ctaagtaagt attgatgatg ttctctatag aaatttcaat      180
cactcacttc cttgtctggtt ctcttacaca atattatcag ctctgctgca ctttcctca      240
ttggtgatcc ctgcaggaaa ataggagata aggtcaattc tagttgactt ttatgagaat      300
atgattatag caggctttctt ttagttattg gaatatgtga taagttagga caaacaatta      360
tgcagcaata aatttatctt ggttggttta agttcatgtc aaaaattcag acatgctaata      420
gttggttagct aagctcacac aactacctgc ttatttataa acttgcaatt caggaataaa      480
tgattgggat cttatatggc aagtgcagta tgccagtcta acaggagcag acgctctgtg      540
catttgcaac tacaaaaaaa aaaaaaaaaa a                                     571

```

<210> 2241

<211> 446

<212> DNA

<213> Homo sapiens

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<400> 2241
ggcacgagaa aacatataca tttattttaat ataagtttat gtggcatgaa aaccttcaga      60
atgtgtgaag acccaaagat gcagtttgta ttgaccactt atataaggaa ttagacaaaag      120
agcagtaaat tgcagaaatg tgatgagggtg gggggtcggg ggcttgggcc agggcagggtg      180
attggaggag aatggctggg aagggaagggc cagtatagca ggtggtacag gtttcctca      240
gcctcagctt ctggctccttg cccataggaa tcatgcctcc cacctggcca agggaggaca      300
cctttcacat gggaatgtca tctcctgctt ttcagaaaca gaaggaaggc cagagtgtc      360
ttcttgtaac tgctttttgt ttttggtttt gtttttggtt ttgacagagt gagactctgc      420
ctcaaaaaaa aaaaaaaaaa aaaaaa                                     446

```

<210> 2242

<211> 780

<212> DNA

<213> Homo sapiens

```

<400> 2242
ggctttttga aataacttag acaaataatt tcacacaata ccagcataaa caagtataaa      60
cccgttcaca ttaaccaggc atccttaggg aagattctaa tggcctgaat ggacatttca      120
attacatata tgttgatcat gtgtattttt ctagtaagca ctagtacctt acttgccctc      180
ccctgattaa acaaaaactg aaggtataaa acctgcccaa atggaaacct attttttcat      240
agaaaaacatt gacaattata ttttcattgt attctatctc tgttttctaat gcatttttct      300
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gtcaagaaga acacaaaagg tgcctgaggac taccctgacc ctccaatacc ccacagctat      480
tctagtataa ggattcacag cttagagctca aataaggtaa gaacatactc tatcatgtta      540
atgtaatatg ggaagctcca agtaagataa tcggtgtgtg actttaggat attagattag      600
aatatcatat ctattgcaga gaaagagatt tacatattat gtttctacat gtgtgagtgc      660
cacatcagta aatataagtc agtggtttctc aaatagggtgc tggcataaag atttaatgat      720
taattttgct catttcattt tcaagttaaa atatcgaaaa aaaaaaaaaa aaaactcgag      780

```

<210> 2243

<211> 464

<212> DNA

<213> Homo sapiens

```

<400> 2243
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tgtttgctaa ttttttaata aagtcagtat cagtggtgat ttgtgattat atgtgtactc      180
attctcttac ctagcgaaca agatcttttc agagtgggtg ttctaaaaga gcatgtacaa      240
aagtggcctg tggacattta ggcttgggtg atgcatttgc tcttcctgtt tgtgccaatg      300
tatcaatgta gagttgctct gttttcttca actgtattta ttgctgcatt tctcagcata      360

```

```
aacttatccc attgtatttt ttaaaataaa atattttttt tgaactttaa aaaaaaaaaa 420
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaa 464
```

```
<210> 2244
<211> 785
<212> DNA
<213> Homo sapiens
```

```
<210> 2245
<211> 410
<212> DNA
<213> Homo sapiens
```

```
<210> 2246
<211> 1304
<212> DNA
<213> Homo sapiens
```



[illegible]

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gatgtggggt	ttattatttc	cagtcacagat	gaggaagact	gaggcctgca	tcagtgaagc				240
aacctataca	agactacata	gagaaggcag	taaatggcag	ggttagtctc	agaacagggg				300
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tagaggggaa	caagaggaag	cctgctgaag	agaaaacct	aacatctggt	ttgtctacgt				420
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tgcataatcat	attcaatttc	cccaactgct	ctttctaatt	tattcaactg	gggaccaggc				660
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cctatgttct	gtatactgac	acctcttctc	agtggcatat	gaaatatgaa	atgtcatgtg				900
ttgtgagttt	gtataaatat	aaagggaatat	atatacacag	tagcaaaaga	gaagatctca				960
tttacaata	tctatgggtg	ttccttggtc	tgtgttgtag	tgttttattg	atacaaaactg				1020
aattttctta	atgtatcttc	tatctctatt	atagtggcaa	tgatgggtata	tgcattaaag				1080
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cgggttctca	tcattaaattg	atctctttct	acaataagcc	acataccagg	tctgagaaag				300
agtctggatc	agacaagagt	tcagcactgt	agtagaaaac	agattctggg	tatcagagga				360
tctgggtctca	agtcttgact	gtattaccta	tagctctatg	aattttaacct	tgctgagcct				420
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tcaaaaaaaa	aaaaaaaaaa	a							1041

1286

[illegible]

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cacttagcca	tcaagaatca	aggcacaaga	agtgcactct	ctcattaaca	gtaaatgttt	660
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aaaaaaaa						1388

<210> 2254  
 <211> 1769  
 <212> DNA  
 <213> Homo sapiens

<400> 2254						
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[illegible]

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Marital Status	0.5	0.5	0	1
Education	12.5	2.5	9	16
Income	3500	1500	1000	8000
Health Status	0.5	0.5	0	1
Exercise Frequency	2.5	1.5	0	5
Stress Level	4.5	1.5	1	7
Sleep Quality	3.5	1.5	1	7
Dietary Habits	0.5	0.5	0	1
Work-Life Balance	0.5	0.5	0	1
Family Support	0.5	0.5	0	1
Community Involvement	0.5	0.5	0	1
Life Satisfaction	5.5	1.5	1	9
Overall Well-being	6.5	1.5	1	9

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[illegible]



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<211> 2331

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (121)

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<400> 2269

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<211> 643
<212> DNA
<213> Homo sapiens
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<211> 1127
<212> DNA
<213> Homo sapiens
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<212> DNA  
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<212> DNA  
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<212> DNA  
<213> Homo sapiens

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cacctcattc ccattgtttg gatcatgcct ctttccaaca cgtgttcaca atctccaaag 840  
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<210> 2285  
<211> 1512  
<212> DNA  
<213> Homo sapiens

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ccgcagact cagcagatac tcctgcggtg acacactgtg ctggaaaacg cctggagcca 180  
tgacacatta tgtattttta ttattattta tggtaggaag aggagatgag ggaaaatcgg 240  
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ttcttacaag acaattagaa attctgccta tggatgcaaa tttcatagaa aacaatgtta 420  
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ctacaacata tatattttta acctgctcag ataaagtga atttagcaaa aggatatccc 540  
ctcccacccc caaatctaac atgccatttt aaaaacagca caaaggaaca aggaaactaa 600  
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gttccaccag aagattagaa gttaaattat ttccacacaa taggaatttc acttcgtgtc 720  
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aaaaaaaaaa aa 1512

<210> 2286  
<211> 946

<212> DNA  
<213> Homo sapiens

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cccagggctg tgctcattca agccaaactc tctgagatgg aagaggtcaa accagccagc 180  
tggtgggtgc tggtcagcta cggagtcctc ttggtcaccc tgggagcctt catcttcggc 240  
cagaccacag ccaacgccat ctttgtggat ctcttggcat aaccactgcc tcccagggaa 300  
cacaaggcct ttgccattgg tcgcaggaac ccatctctta gagctatggg gccattctta 360  
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cctcaggagc ctggccactt ccaacggtag cactgaagtc atgcaaatgc atagtcaggt 780  
agattcagac cttgtccaca ccttctctgg caacccccac catgaacctg tcagcctctt 840  
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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaa 946

<210> 2287  
<211> 1570  
<212> DNA  
<213> Homo sapiens

<220>  
<221> SITE  
<222> (412)  
<223> n equals a,t,g, or c  
  
<220>  
<221> SITE  
<222> (502)  
<223> n equals a,t,g, or c

<400> 2287  
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gtcctgggggt tctctttttc caaatattag gataatgcaa atattcctgc tcatgggtgga 180  
cgcacactgt gtttacatca gtcaaccctt caaacatgag tcagagaaat ctttctctaa 240  
atgaagggtgc catttctatt gacagctcaa cttcgtaaag gtatgacttt gagttgtttt 300  
gactagtaga aagaaacatt tgcccytttt tgctctgttt ctgtatttag gctttcactt 360  
gtcctagcca agattattta gatcccata cggragggtca aatatgttaa angctaaata 420  
attagattct cttgattttac acaaaaaaca taactaacta aaatagaaac ttttaattat 480  
ctgtattgtt gtataaaatg tnttatatat taggaatcta aaaatttgtt ttttgcttgt 540  
atcctctgtc ataggaagaa actcatgtct ctgtttactg taaccattaa taaaggctaa 600  
taacagacag tacatgatga tacttttaac tagggcaaac aaaagtaata ttttaacaat 660  
gaggtttggg ctttgcctatc tatacctcat gtctaatttt ccctacaatg taaatgtcat 720  
tctctctctc taccattttg taagggtctc agttttctgc tcttgcatga cttattttaa 780  
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taaaaattca caagaaagac aatttcaata taaaataata aattactaat attggaattt 900  
caagcatkag tcatggcaaa aaagagataa tttgtagcag aatattttta tggcaacttt 960  
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aacaggcttg tagaggagga agatctcaac agagctgact cttatctgtg ctcacattca 1380  
aaactgactt ttgaacaaaa gctgcatcct ttgccctata ctatagtccc aactactctg 1440



<210> 2289  
<211> 2220  
<212> DNA  
<213> Homo sapiens

<400> 2289  
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gaagtaagtc ctggtgagga tatgactcac tgttcaccac agaagacttc tcctctgacc 180  
aagattacaa gtggacacct gagtcagcag gacctggaat ccagatgag agagcttatt 240  
tacacggact cagatcttgt tgtcaccctc attatcgaca atccaaagat aatgaaacag 300  
ccaccagtta aatttgatgc aaaaatattg catctacca catattcagt ggataagtta 360  
ttatttctga aagatcaaga ttggaatgac tttttgcaac aagtgtgctc gcagatcgac 420  
tccactgaga gagcatgggg gcctcccgag ccaagctgaa tctcctttgc tatttgtgctg 480  
tggtggctgg tcaccaggag gtggccacca ggctcctcca tccccctg ttccaattgc 540  
taatccagca tttgcgata gctccaaact gggatatacg ggccaagggt gctcacgtga 600  
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accctagaga gtgctgggct gttcccttgg ctgcatacac agtgctaata aggtgccttc 840  
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tggtttctct atatatattt atttataacc gtgagatgtt gctgctcagt tgccaagcaa 1320  
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ccataggact gacagcatca gaagaattta tcaagatcac attgtcagct tttgaagcaa 1740  
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cgatgactga acacaaccca actttcacaa ggtactggaa gttcaaattt ctttttcttg 2100  
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aaagaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 2220

<210> 2290  
<211> 1721  
<212> DNA  
<213> Homo sapiens

<400> 2290  
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gcagggtttg aatgctgctt tgttttatga gaataaagat ccccgacttt ttgtgtcttt 120  
ggtacctacc tctgcacata ctggtgatgg catgggaagt ctgatctacc ttctttaga 180  
gttaactcag accatgttga gcaagagact tgcacactgt gaagagctga gagcacaggt 240  
gatggagggt aaagctctcc cggggatggg caccactata gatgtcatct tgatcaatgg 300  
gcgtttgaag gaaggagata caatcattgt gcctggagta gaagggccca ttgtaactca 360  
gattcgaggg ctctgtttac ctctcctat gaaggaatta cgagtgaaga accagtatga 420  
aaagcataaa gaagtagaag cagctcaggg ggtaaagatt cttggaaaag acctggagaa 480  
aacattggct ggtttacccc tccttgtggc ttataaagaa gatgaaatcc ctgttcttaa 540  
agatgaattg atccatgagt taaagcagac actaaatgct atcaaattag aagaaaaagg 600

agtctatgtc	caggcatcta	cactgggttc	tttgggaagct	ctactggaat	ttctgaaaac	660
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tcccaacctt	tctctacttg	gctgtgtgtt	taaagtgtgc	ccttccccaa	atttggattt	1620
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attaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	a		1721

<210> 2291  
 <211> 2267  
 <212> DNA  
 <213> Homo sapiens

<400> 2291						
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tgcaagggag	acccctcaca	gcccgagggt	agaagatgcc	cctattgcta	aggtgggtgt	180
cctggctgca	agtatggaag	ccaaggcctc	ctctcagcag	gagaaggaag	acaagccagc	240
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tgccttggag	gaagggatca	aaatgtcaaa	gccccaatgg	cctcctgaag	acgaaatcag	360
caagccccga	gttcctgagg	atgtcgatct	agatctgaag	aagctaagac	gatcttcttc	420
actgaaggaa	agaagccgcc	cattcactgt	agcagcttca	tttcaaagca	cctctgtcaa	480
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agaacagata	aagagaaatc	ggtattatga	tgaggatgag	gatgaagagt	gacaaattgc	960
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<400> 2296  
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<210> 2297  
<211> 2202  
<212> DNA  
<213> Homo sapiens

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cacactcact gcctcatgtg gcccttttcc cagtggcagc tggtagact aacgattgct 180  
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 <212> DNA  
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<220>  
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 <222> (1616)  
 <223> n equals a,t,g, or c

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<212> DNA  
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<212> DNA  
<213> Homo sapiens

<220>  
<221> SITE  
<222> (12)  
<223> n equals a,t,g, or c



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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

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 <213> Homo sapiens

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 <222> (22)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
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<210> 2320  
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 <212> DNA  
 <213> Homo sapiens

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<210> 2326
<211> 1228
<212> DNA
<213> Homo sapiens

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<220>
<221> SITE
<222> (636)
<223> n equals a,t,g, or c

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acaaacctca tcaaccaggt ttttgaacag tagaatattc tctttgagaa aaagataggt 240
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cagttttccc aaatcagaga acaaaagaag gaggggtgct gaaatgaacc ttgttctttc 360
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1228

<210> 2327  
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<212> DNA  
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<220>  
<221> SITE  
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<223> n equals a,t,g, or c

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gaggaragtt taccatattc tgtgactatt ttataccaaa attatgccat gctttctaag 180  
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ggctcacgcc agtaatccca gcactttggg aggccgaggc gggcggatca cgatgtcagg 720  
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<210> 2328  
<211> 1131  
<212> DNA  
<213> Homo sapiens

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<210> 2329  
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<212> DNA  
<213> Homo sapiens

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gctgtatata	tggtgaagac	cgtgaaatca	aactgatact	tctaattcta	tccaaacacc	720
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (9)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (13)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (28)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (41)  
 <223> n equals a,t,g, or c

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 <212> DNA  
 <213> Homo sapiens

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 ttttaattcca cttcagaatg acaggccttg tattagttaa tgtatatatt ttcactctta 420  
 aaatacatag taagtacaaa taaatacaat tttctttgac ctgaagaggg agattgagtt 480  
 atatttcaag tcccctgtaa ataaagatgc cttggaaatt atcatagtat tttaaatagt 540  
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 aaaatcagtg ctaaagtgaa tcattttattt aagtaaaatg cattgagtat ctccagggtt 660  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<400> 2333

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<212> DNA  
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<212> DNA  
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<210> 2356
<211> 1260
<212> DNA
<213> Homo sapiens

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<221> SITE
<222> (15)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (37)
<223> n equals a,t,g, or c

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 <212> DNA  
 <213> Homo sapiens

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<210> 2358  
 <211> 920  
 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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2794

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<213> Homo sapiens

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gaaattccac ctgataggaa ttgaagagaa atgaatgagc gattcccagc agggatcact 180  
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<220>  
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<222> (763)  
<223> n equals a,t,g, or c

<220>  
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<220>  
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<212> DNA
<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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<212> DNA
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<212> DNA

<213> Homo sapiens

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<212> DNA  
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<211> 1920

<212> DNA

<213> Homo sapiens

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<223> n equals a,t,g, or c

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<212> DNA

<213> Homo sapiens

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<211> 2778

<212> DNA

<213> Homo sapiens

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<212> DNA  
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<212> DNA  
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<222> (9)  
<223> n equals a,t,g, or c

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<211> 1768

<212> DNA

<213> Homo sapiens

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2422

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<210> 2425  
 <211> 1467  
 <212> DNA  
 <213> Homo sapiens

<400> 2425						
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ttgcatctaa	gaatccactg	ccaaatccaa	ggtcatgaag	at	atgttttctt	180
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aaccaaggca	gttggacctt	tgctactacc	actgccctga	aactgctgtc	actgggttac	420
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tcctcataga	tagagacaaa	acatttctat	cacaccggca	at	tg	1140
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<210> 2426  
 <211> 1293  
 <212> DNA  
 <213> Homo sapiens

<220>

0050003-04204

<221> SITE  
<222> (1214)  
<223> n equals a,t,g, or c

<400> 2426  
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gggtggcccc raggcctctc cgctcctgca caggccttgc ttcttgccgg tgacgaggtc 360  
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gtgggcagcg tctccccga ggatccgcag ctccggggtta cccgcaggcg tccatctccg 480  
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ggcgtgtcgc tggggaaata ctcttcaccc ggctgcaacc tctcactgta gaactgcctc 1200  
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<210> 2427  
<211> 2068  
<212> DNA  
<213> Homo sapiens

<220>  
<221> SITE  
<222> (57)  
<223> n equals a,t,g, or c

<220>  
<221> SITE  
<222> (139)  
<223> n equals a,t,g, or c

<220>  
<221> SITE  
<222> (2017)  
<223> n equals a,t,g, or c

<220>  
<221> SITE  
<222> (2029)  
<223> n equals a,t,g, or c

<220>  
<221> SITE  
<222> (2034)  
<223> n equals a,t,g, or c

<400> 2427  
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agccctagac	ttgcagtgn	ggaaaagaac	cattatcgct	cttggccatc	tggttatgaa	180
gctgtgggaa	atatagtttt	tgtagatcct	attgaacatc	tgttgtcaga	gttgtccaaa	240
aatgattcta	tgtcaacaac	aagaacctac	atacaatgta	ttgctgctat	tagtaggcaa	300
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agatgtccta	aggaagtata	tcctcatgtt	tctaccatta	taaataattg	tcttaaatat	480
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aatgataaat	caagctcatc	gaatttgaag	atcgatgctt	tgcatgtctt	atacgtaatc	1080
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tctcagagca	cagctcttac	tcataagcag	tcttattatt	ccattgccaa	atgtgtagct	1980
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<210> 2428  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 2428						
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atttaacac	ttataactta	taatacactta	gatgctctaa	gtcatctggg	gggtgagaag	180
gttgaaaaag	aaaaagtaca	ttagtgagtg	agtaaagatt	atctgggatt	gtttcttaga	240
tgaggatcta	tttgatgttg	gtgttggtct	actgtgaact	aaatataact	gcattggagc	300
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<210> 2429  
 <211> 2027  
 <212> DNA  
 <213> Homo sapiens

<400> 2429						
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ttttgcctcg	ttccccatag	gctgctgccc	ttatggcctc	tggactgaac	tctggggcct	180
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cccagacctc	tgytcccaga	gctcatggcc	caggtggtga	ggagggaaag	gcagtcagat	300
tccaggctgg	agtgtgattc	tgtgggaata	ctggggctag	ttatggaaca	ggacttgccc	360
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gagactccta	ctgtccacgc	gcatgagcag	aacctggaac	cagaggggca	gggaccaggg	480
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ccagtgtcag	acgggggacag	gggtgatagg	cctgggtgtcc	taggggccat	ttgtgtacct	1680
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<210> 2430  
 <211> 1345  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (1324)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (1326)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (1338)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (1344)  
 <223> n equals a,t,g, or c

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atctttataa	gaaagagAAC	tgaAAAgtag	cgtgctattc	gtcctgtagg	tgctgtgggtg	600
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aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	1320
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<210> 2431  
 <211> 1093  
 <212> DNA  
 <213> Homo sapiens

<400> 2431						
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gagttcgtgc	ggcgggaggc	acccccatcc	tatggtcagc	tcatacgcga	gggcctcatt	360
ccaccctgtg	aggactttcc	tgtctacagt	gcgtcccagg	cctctgtgct	gcagaatctt	420
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cgctcggcc	gcctctggaa	ccggctcttt	caccggccgc	gggcgccccg	aggccagatc	540
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aaaaaaaaaa	aaa					1093

<210> 2432  
 <211> 1300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (1086)  
 <223> n equals a,t,g, or c

<400> 2432						
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kgtgtgagca	gtgattactg	gcatctgggc	atgggctgag	tgtccattcc	tctagagcca	120
cagtgggctc	cacagagggtg	agtgtggccg	tgacccaga	tggttacgcg	gatgccgtga	180
gaggggatcg	cttcatgatg	ccagctgagc	gccgcctgcc	cctgagcttc	gtgctggatg	240
tgctggaggg	ccggggccag	caccctggag	tcctctatgt	gcagaagcag	tgctccaacc	300
tgcccagcga	gctgccccag	ctgtgcctg	atctggaatc	ccatgtgcc	tgggcctccg	360
aagccctggg	aaagatgccc	gatgctgtga	acttctggct	gggggaggcg	gctgcagtga	420





<210> 2435  
 <211> 1040  
 <212> DNA  
 <213> Homo sapiens

<400> 2435  
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 <212> DNA  
 <213> Homo sapiens

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 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (89)  
 <223> n equals a,t,g, or c

<220>  
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 <222> (134)  
 <223> n equals a,t,g, or c

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<210> 2437

<211> 524

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (37)

<223> n equals a,t,g, or c

<400> 2437

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<210> 2438

<211> 711

<212> DNA

<213> Homo sapiens

<400> 2438

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tagtagttgc	tttagagttt	atagtataaa	tgtttaactt	cctcctcctg	gctttcatgc	660
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<210> 2439  
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 <212> DNA  
 <213> Homo sapiens

<400> 2439						
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 <212> DNA  
 <213> Homo sapiens

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 <211> 1255  
 <212> DNA  
 <213> Homo sapiens

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<210> 2442  
 <211> 2204  
 <212> DNA  
 <213> Homo sapiens

<400> 2442						
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 <212> DNA  
 <213> Homo sapiens

<400> 2443						
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 <213> Homo sapiens

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 <223> n equals a,t,g, or c

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 <211> 1338  
 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

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a						1081

<210> 2447  
 <211> 1877  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (854)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (1422)  
 <223> n equals a,t,g, or c

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<210> 2448  
<211> 1352  
<212> DNA  
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<220>  
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<223> n equals a,t,g, or c

<220>  
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<223> n equals a,t,g, or c

<220>  
<221> SITE  
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<223> n equals a,t,g, or c

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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<212> DNA
<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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tgaacagttc	tcggtgaaaa	aggcagagcg	atttcggaag	caaaccctca	ccaaagcgct	840
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ccccaacctg	cagaggatga	gtcaagcttg	ccatgaagtg	gatgactcat	ctgttgttgg	960
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gccgtatgcc	tgttatgaac	ttggctgtct	tctattagac	aaaccagaga	ctgtaggaag	1140
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attgcatgtc	cgcattccatg	ctgctctggc	ctctctgagg	gaattgggtc	ctcagtgcac	1260
gacccggaac	accgcctccg	tccctcccca	cccagggtcc	gcactttaaa	ataaaaagcag	1320
aggacaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	1380
gggcgccg						1390

<210> 2455  
 <211> 1472  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (55)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (961)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (973)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (1464)  
 <223> n equals a,t,g, or c

<400> 2455						
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cacccagctc	ggtttgactt	tcagtgcac	ttttacttct	tttaagtga	ttaaagtaaaa	120
aatactaaga	taaaggacgc	aaattaattc	ctaattaaca	tatttatagt	ttggaaaaag	180
tgctagaggt	gcttgccagt	tcaatttaat	tccatgccca	gaatgtgggt	tctgtttatt	240
gaaatgttct	tagttttggg	catctgttac	tacttgctgt	tgtcttcacg	gggccctgac	300
tggccttggc	ataactaggg	tgctagggga	atagttctta	gagagtcatt	ttatgtattg	360
gatttwattc	tgatttggtt	tctctctgaa	agctgggtgt	tatttgtttt	tttkwkkktt	420
ttttcgatct	taggtgggtg	ttgacacagc	acagattgag	aataaagaag	cctatgcccc	480
ccagatcagt	ttagaaggct	ctagaatcgt	ggttcaagtc	ccatccacat	ggtaacgtgc	540
ctcttacttt	caccggagcc	taagctctga	ctgacgtttg	cacatctttg	aaatgatggc	600
cttggttttga	acaatgcccc	tgctagctga	cgcaacaagt	cttgctgcat	gtgcaggttt	660
atgggcagca	gtggtatggt	agtggcatgt	gtcatgatta	ttggctctgtg	atgaggaagc	720
caagaagtct	gaaaaatggg	ctcattgacc	ataatgtaac	taaaatgtta	tatactcttg	780
gatcataaatg	agcagtatta	tctttgttac	tgagtctaca	gcattttaac	atagtatatc	840
attttctcka	agtcacccag	tgkccactaa	agcccastaa	agaacataga	attccttctc	900
ctctgttcca	actacaatcc	tgatgatcty	gagctcatgt	tgtgacacac	ccagtgtctt	960
nacaaatctt	ggnacagtca	tttttagata	ttatatttgt	amcacttata	atagataaaa	1020
gattattctt	aattttatttt	tttttaaaaa	aagctcctac	aaatcagaag	aaaatgggca	1080

agggacatga	acagctaagt	cagaaaagaa	gacatatgat	caacaaatag	attwagraaa	1140
tgtaatggcc	magtgcggtg	actcacacct	gtaatcctag	cactttggga	ggccaagggtg	1200
ggcagatcgc	ctgagggtcag	agggtttgaga	ccagcctgcc	caatgtgggtg	aaaccccatc	1260
tctactaaag	atacaaaaac	tatccaggca	tgggtgggtgg	tgctgtgaat	tccagctaat	1320
caggaagctg	aggcacaaga	attgcttgaa	cccaggaggc	ggaggttgca	gagagctgag	1380
attgcactat	tgcaactccag	cctgggcaat	agagcaaaac	tatctcaaaa	aaaaaaaaaa	1440
aaaaaaaaag	ggcggccgct	cttngagacc	ca			1472

<210> 2456  
 <211> 893  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (859)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (875)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (884)  
 <223> n equals a,t,g, or c

<400> 2456						
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ggcttactct	gagcatagtt	tcccctttcc	ttaattaacg	cttgctcata	tattactcag	120
aaagtccaag	tgtaggcttc	agaggagagg	agccatagat	agctttcatc	agattcttga	180
tgaaacccac	agtacaaatg	ttaagaaaca	cagctctgtg	gtatcatctg	ttgactgatc	240
tgctgctaag	ctattttaata	ggaagagttg	tttctatata	cttctacttt	taccattaaa	300
gaaaaagtaa	tcaactagtc	actgttcatt	ttattttcaa	atattttttt	gcttaaatca	360
ttgcagaatc	agaaaaaaat	ttttattata	ttgtttctga	aatgttaaca	tttaggtgaa	420
atgcttaatc	aggttgagta	tcacttacct	gaaatgcttg	ggaccagaaa	tatttgggat	480
tttttcagat	tttggaatat	ttgcatttat	atgcttagta	tttgaacatc	ccaaatctga	540
aaatccaaaa	tgttccagtg	agcattttcc	tttggtgtaa	catgaacact	gaaaaagttt	600
cagtttttgt	agcattttctg	attttttgtg	ttttacgtat	gtatatgtat	atctgtatct	660
tgtttttttg	tttggttggt	tgagacagaa	tcttgctctg	tcacccaggc	tggagtgcag	720
tgagctgaga	tcaggtcact	gcactctagc	ctgggcgaca	gagcaagatg	caagactctg	780
tccccctcca	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	840
aaaaaaaaag	ggcggccgnt	ttaaaggatc	caagnttacg	tacnctgca	tgc	893

<210> 2457  
 <211> 1066  
 <212> DNA  
 <213> Homo sapiens

<400> 2457						
cgcgctcgat	tttttgtatt	ttttctaggg	acgggttttcg	ccatgttggtg	caggttggtc	60
ttgaactctt	gaactcctga	cctcagggtg	tccaccgcgc	tcagcctccc	aaagtgtctg	120
gattacagca	tgagccactg	gccgactttt	gcttccttta	cagattactt	tgcagattga	180
catccaggct	atacccttgt	ttatgtgagc	gaggctgtgt	tgtaggcact	ggcactatac	240
ttacacagaa	gttggaact	tctcattgcc	ttgcacaaat	gtggataata	gtaataacaa	300
actaatgttg	aatgattaga	attttaatca	gttcttttaa	agtagccatt	attttggcat	360
gttaggtagg	gagagattca	aattatttat	gttatcttcc	caacttgaga	atggcattat	420
tagatcaagc	cattagactt	atagattgcg	gaagatttag	atgtacttct	taattatgaa	480
aattacattt	accttactca	aataacccca	tatataccta	aaagttttta	taaactaaag	540
catgaccaca	tgactcaatc	agctgtccgt	aataacctgt	ggtataggta	ggacttagtt	600

gggcaaaggg	tgagatgtgg	ccatcttcac	gggctcataa	gagataacca	agggtcccttc	660
agggtcgcca	gcctcatcat	gcctcagctc	tttctaatac	tgcttattag	taagggtggat	720
gtttattcat	ttattttatt	ggtaggttaa	ataacaggcc	gcaattttact	gtgttactta	780
aattttactt	aagtaaaatt	taagaagaag	aagaagatga	tgactgtaaa	aacaaagggtg	840
tgaatatatt	tagctatata	tgagatagga	tatcaaatac	ataaatagtt	caattttgcag	900
ttgcacagtg	ccatttcacc	cagggttaaac	aataggaaga	ctcgatgcat	acgtgtcatc	960
tgtaaatgct	ctcatgtgaa	agaaattgtg	aagtaaaaata	aagtatcttg	agtagaaatt	1020
tttctacatt	ttctcaaaat	aaaaaaaaaa	aaaaaaaaaa	aaaaaa		1066

<210> 2458  
 <211> 1436  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (449)  
 <223> n equals a,t,g, or c

<400> 2458						
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agcccagagg	ggctgggtgc	agcagcctgg	cactgccatc	ggggcctcca	cctgacgccc	120
tcacaccagc	ccatgtcttt	cagctgtgca	tgcgaggct	ctgcctctgt	cttcttctctg	180
ttctgtgtgg	cccagccctt	tcttgaac	aggcagccct	ggcaggagtg	agggccagct	240
gcagggaag	tgaagggggc	aacacctgcc	aggctgtggg	tctcacgagg	ctcgggggag	300
ttataagagg	ccccctctct	cagggaactc	ctcccaggct	tggggaggag	gcctcctgga	360
cccagccacg	ccccacagat	ctgaccgaag	caggggttct	tgggtcttgct	tggaaaccag	420
attcagcccc	ctttgggaat	ctaatacaang	gtgtggaccc	tttcccagag	aaaatgggtgt	480
gttcaactcct	gaggggtccat	gggcccctga	agctgtctcat	ggctcccctg	ctgcaggatt	540
cccctgggtg	cccgtcaaac	tacagcttcc	ctggggggcc	tccaccccat	acttaccac	600
cagcttctta	agagttcgag	ctcggaccct	tatagtagta	aacaggctcc	ccagagcctg	660
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gagctctggg	aagacgagga	ggatgaggag	gaggaggaag	aggaggagga	ggacttcaag	840
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ccaaggctgg	gcctccctga	cccggccaga	ctgggtgtctg	gcctaataag	ggagccgggg	960
ctccccattg	ccacccacag	tgcctgggaat	ggccctagga	ggccctctga	ggagagctag	1020
agtcccagca	aagggtgcag	ctgaccctag	cactggctgt	gacatgctgc	ttgggtgctgc	1080
ctctggctct	gaggggttag	ggacatcccc	aaagggtata	ccctggctct	gccacccatg	1140
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ctctcatgac	tgtggtgggt	gagatagcgt	ggggagcctc	gcccattggc	tcacgtggca	1320
agaagtgcct	ttagctctgg	atcccaaccg	tttggcacag	ctttggccac	agccaggccc	1380
ctctggaatt	gtccttatta	aaccagtttc	ccgagaaaaa	aaaaaaaaaa	aagggc	1436

<210> 2459  
 <211> 684  
 <212> DNA  
 <213> Homo sapiens

<400> 2459						
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cagacagaat	cttatacttt	ggaaaaaaat	tcatgacaaa	gaaaccccaa	agtattgcct	120
gttccaccct	gtctttgtgg	tgtgtgtgcc	tagcttccat	tattcatgaa	gtcaacctag	180
aagggcagac	tggttaataa	atgagttggg	acattcttcc	tggcaataca	taaagacctt	240
taatgtctta	aattacttat	cctagtaata	ttacttcctg	gaatctattc	taacgartaa	300
tcagaaattt	taacaggaat	ctatgcatta	aaatgttcat	ggaaggaaaa	tgatcagcaa	360
tgaggaataa	ttaaacgaga	catatataaa	aaaagcaacc	cacaattttt	tttcaagcat	420
ggagaaatgc	tcattgcgaga	ataactaagta	aacagcagag	aaactcagac	atacatgggt	480
gcctctgagt	agtgaaacttt	tatttccttc	ctaaattttt	gtatttttaa	tctcttctat	540
aatgaatgt	gtatttccttt	tacaatgaaa	aataacattt	ttaaaaacta	aaactaaaga	600

aatgtattgt ttccttttat gtataaatgt cccaagccaa gatacctgaa atataacgag 660  
gaaaagattc ttttgttcac tctg 684

<210> 2460  
<211> 1851  
<212> DNA  
<213> Homo sapiens

<220>  
<221> SITE  
<222> (1171)  
<223> n equals a,t,g, or c

<400> 2460  
tcgaccacg cgtccgcatt tgtccatatt tataagactt tacttctggg ttctctattc 60  
tggtctgttt atttatatgt ctgtcttttag gacagtacta cacagttttg attcccctgt 120  
tgtaggggaa tcttggtttta ttgtgcttca ctttattacg ctttgagat aatgcattgt 180  
ttacaaatgg aagggtttgtg gtaaccttgc atcaagcaag tctattggca ccatttttcc 240  
aatagcatat gctcactttg tgttctttatg ccataatttg gtaattcttg caatgttttc 300  
agtttttttc ctccctctcc tctttttcct tcstttttatc ctccctctcc tcttctctcc 360  
ttctctctcc gtcctctctcc tcttctctct cctctctctc ctccctctct ccttctctct 420  
cttcttttcc ttcttcttct ttctgggaca gggctctcatt cttctgcccc ggttggagta 480  
taccggcacg atcatagccc gctgtagact caaactcctg acctcaagca atccctccctt 540  
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tttwgggggc accataagcc atacccatgt aagacttgaa ctgtgtattc cagtgaagg 720  
aagagctgca tgtctgtcac tttaaattaa aagctagaaa tgattaagtg ctgtgaggaa 780  
agcatgtcaa aagctgggtg agttagggtca aaagttaggc ctcttgtagc aagtagttag 840  
ccagcttggt agtgtgaagg aaaatttctt gsaggaaact aaatgtgctc cttcagttaa 900  
cagtcgaatg ttaagaaagc gacacagggg tatttgcta atggagaaag ttttagtggtc 960  
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saagctagca kargttgttt catgatattt gaagaaagaa gctaccatta taatatgaaa 1140  
gtgcaagggt aagcagcaag tgctgacgta naagctgcag caagttatcc agaagctcta 1200  
gctaagatca ttgagaaagg tggctacact aaacaacaga ttttcaatgt aaaccaaaca 1260  
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aaaggacagg atggctttct tgttaagggtc cactgctcat ttaccattct gaaaatccta 1380  
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cttggtatgac agcacatctg tttactgcat ggcttactga atagtttaaa cccactgttg 1500  
agccctactg ctcaaaaaaa aaagactcct ttaaaaaatat tactgctctg gctcacgcct 1560  
gtaatcccag cactttggga rgccgaggcg ggtggatcat gaggtcagga gatcgagacc 1620  
atcctggcta acaaggtgaa accccatctc tactaaaaat acaaaaaatt agccgggccc 1680  
ggtggcgggc gctgttagtc ccagctactc gggaggctga ggcaggagaa tggcgtgaac 1740  
ctgggaagcg gagctttcag tgagccgaga ttgcgccact gcggtccgca gtcgggctg 1800  
ggcgacagag caagactccg tctcaaaaaa aaaaaaaaaa aaagggcggc c 1851

<210> 2461  
<211> 1693  
<212> DNA  
<213> Homo sapiens

<220>  
<221> SITE  
<222> (997)  
<223> n equals a,t,g, or c

<400> 2461  
ctcgtgccgc agcagtgttc aatttgctca ccattggtag tgtttgctaa aattgtattt 60  
ttttaagcta agtaacatgt actgggttga gaacctttt cccctctct cctctcagaa 120  
aattgcttta taaaattgct ttataatttg attttcttac tgaaacgcat ggtgggtgtc 180  
aggtaggggaa ctgactgata acccttggca gcaatcaaa tgccagtggc tctcgtatgt 240





<211> 504  
 <212> DNA  
 <213> Homo sapiens

<400> 2463  
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 gggtcttaat aacaaggctt acctagcatg aagtatttaa cattctccca tcccttaaaa 120  
 aatatacatt ttataaaaat gaaaaccata ataaatgttt tgaatattaa aaaaaataat 180  
 aacctacaga ggaaaattaa tggagacagc tatttgccct gtactttttc cacaattggt 240  
 gctgctagtt gtacacatct ctagtccagc tcttgcccac gggacactca tcaattaggt 300  
 ttatttttta ttcttttctt ctacccccag aaacaagcct gttaattttt ttctctctc 360  
 ctctggcgac tgtgtgatga atcctttctt gcgtgatcag gttgcggata gacttgtaag 420  
 ggtgtttgct gcatacagtg taagcattgt gaccgccaat aaacttcaat ggtttctact 480  
 gaaaaaaaaa aaaaaaaaaa aaaa 504

<210> 2464  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<400> 2464  
 ctgcaggaat tcggcacgag tcccactaca tgcagtggcc cagggcagag gggctgatac 60  
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 gggctgcagg ggtcctgcca ccaccgagca ccaacttggc cccctgggggt cctgcctcat 180  
 gaatgaggcc ttccccaggg ctggcctgac tgtgctgggg gctgggttaa cgttttctca 240  
 gggaaccaca atgcacgaaa gaggaactgg ggttgctaac caggatgctg ggaacaaagg 300  
 cctcttgaag cccagccaca gccagctga gcatgaggcc cagcccatag acggcacagg 360  
 ccacctggcc cattccctgg gcattccctg ctttgcattg ctgcttctct tcaccccggtg 420  
 gaggctatgt caccctaact atcctggaat gtgttgagag ggattctgaa tgatcaatat 480  
 agcttgggtga gacagtgccg agatagatag ccatgtctgc cttgggcacg ggagagggaa 540  
 gtggcagcat gcatgctgtt tcttggcctt ttctgttaga atacttgggt ctttccaaca 600  
 cactttcaca tgtgttgtaa cttgtttgat ccacccctt ccctgaaaat cctgggaggt 660  
 ttatttgctg ccatttaaca cagagggcaa tagaggttct gaaaggctct tgtctcgtca 720  
 aaacaagtaa acggtggaac tacgactaaa aaaaaaaaaa a 761

<210> 2465  
 <211> 1924  
 <212> DNA  
 <213> Homo sapiens

<400> 2465  
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 agatcacttc tgcctttatt ttgtgtgtt aggggatgtg ttatcacaga aacttggaat 120  
 gcagagaaat gttatcacag aaacttgga tgcagaaaaa tttttgcttt ttaggggagg 180  
 tgttatcaca gaaacttgga atacaaagac ctccccccac cgcagccctg cccacccca 240  
 cctacccccct gctggattta gcaactgact tccatttttag cagtgatttc cttccttttt 300  
 gccctcgcct gccttccagt aacacataat ttccttctat ttccagagct gtcgatgatg 360  
 aaatcgaggc caatcttgaa gagttcgaca tcagcgagga tgacattgat gatggattca 420  
 ggagactgtt tgcccagttg gcaggagagg atgcccagat ctctgccttt gagctgcaga 480  
 ccaccttgag aagggttcta gcaaagcgcc aagatatcca gtcagatggc ttcagcatcg 540  
 agacatgcaa aattatggtt gacatgctag attcggacgg gaggggcaag ctggggctga 600  
 aggagtctta cattctctgg acgaagattc aaaaatacca aaaaatttac cgagaaatcg 660  
 acgttgacag gtctggtacc atgaattcct acgaaatgcg gaaggcatta gaagaagcag 720  
 gtttcaagat gccctgtcaa ctccaccaag tcatcgttgc tcggtttgca gatgaccagc 780  
 tcatcatcga ttttgataat ttgttctggt gtttggttcg gctggaaacg ctattcaaga 840  
 tatttaagca gctggatccc gagaatactg gaacaataga gctcgacctt atctcttggc 900  
 tctgtttctc agtactttga agttataact aatctgcctg aagactttct atgatggaaa 960  
 atcagccaag gactaagctt ccatagaaat acactttgta tctggacctc aaaattatgg 1020  
 gaacattttac ttaaacggat gatcatagct gaaaataatg atactgtcaa tttgagatag 1080  
 cagaagtttc acacatcaaa gtaaaagatt tgcataatcat tatactaaat gcaaatgagt 1140  
 cgcttaaccc ttgacaagggt caaagaaagc tttaaatctg taaatagtat acactttttta 1200

cttttacaca	ctttcctggt	catagcaata	ttaaatacagg	aaaaaaaaat	gcagggaggt	1260
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aataattaaa	gcaacttcaa	gtttaaaaatg	cagctgttga	ttctaccaa	caacagttcca	1380
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agggttttga	gaatattgat	tggtaatagt	aaatcgttct	ccttacaatc	aagttcttga	1560
ccctattcgg	ccttatacat	ctggctcttac	aaagaccaa	gggatcctgc	gcttgatcaa	1620
ctgaaccagt	atgccaaaaac	caggcatcca	atttgtaaac	caattatgat	aaaggacaaa	1680
ataagctggt	tgccacctca	aaactttatg	aacttcacca	ccactagtgt	ctgtccatgg	1740
agttagaggg	gacatcactt	agaagttctt	atagaaagga	cacaagtttg	tttcttggt	1800
ttaccttggg	aaaatgctag	caacattata	gaaattttgc	cttggtgcct	tatcttcttc	1860
caaattgtact	gttaaataaa	aataaagggt	taccccatgc	aatcacaaaa	aaaaaaaaaa	1920
aaaa						1924

<210> 2466

<211> 1600

<212> DNA

<213> Homo sapiens

<220>

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<222> (464)

<223> n equals a,t,g, or c

<400> 2466

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<211> 759

<212> DNA

<213> Homo sapiens

<400> 2467

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&lt;210&gt; 2468

&lt;211&gt; 776

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2468

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&lt;210&gt; 2469

&lt;211&gt; 1573

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2469

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 <212> DNA  
 <213> Homo sapiens

<400> 2484						
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 <211> 1238  
 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <222> (8)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (9)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (44)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (1938)  
 <223> n equals a,t,g, or c

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	aataagacct cagcctccaa	ggtggaagag ggtgaaacag	acmagaggct tgaaggagga	1800
	gaaaaaaatg gtgggggaga	gtgtggcctg tcaatcctga	tcattgaggc ttctctagaa	1860
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2060

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<212> DNA  
<213> Homo sapiens

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<210> 2490  
<211> 938  
<212> DNA  
<213> Homo sapiens

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<210> 2491  
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<212> DNA  
<213> Homo sapiens

<400> 2491  
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[illegible]

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 <212> DNA  
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<210> 2496  
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 <212> DNA  
 <213> Homo sapiens

<400> 2496						
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<212> DNA  
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 <211> 743  
 <212> DNA  
 <213> Homo sapiens

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 <222> (718)  
 <223> n equals a,t,g, or c

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 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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 <211> 1127  
 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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<210> 2510  
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&lt;210&gt; 2512

&lt;211&gt; 1534

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2512

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&lt;211&gt; 857

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2513

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 <212> DNA  
 <213> Homo sapiens

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 <222> (814)  
 <223> n equals a,t,g, or c

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 <211> 739  
 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<400> 2516						
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<211> 2146

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (20)

<223> n equals a,t,g, or c

<220>

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<222> (38)

<223> n equals a,t,g, or c

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<400> 2517

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 <212> DNA  
 <213> Homo sapiens

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ccgc						1384

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 <212> DNA  
 <213> Homo sapiens

<400> 2519						
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 <212> DNA  
 <213> Homo sapiens

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<220>  
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 <223> n equals a,t,g, or c

<220>  
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 <223> n equals a,t,g, or c

<220>  
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<220>  
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aaagtagagc	caggagaacc	agcaaagaag	aaaaagtaga	aacaaatgac	cagaattttct	300
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aaaaaaaaaa	aaagggcggc	cgc				743

<210> 2521  
 <211> 736  
 <212> DNA  
 <213> Homo sapiens

<400> 2521						
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tcatcattcc	catacacaga	aacacaaaac	actttgatca	taaacttttt	tcttcagaag	240
ccaaactaac	ttgcagaata	atagagccac	tggtttaatg	tttcctcaag	ataggtttta	300
gtgtaagcta	gtattctgtg	tgttcgtaga	aatgattcaa	tacctgcagc	tggtgaatta	360
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aagtgcctat	cagcataatg	agctaagtgt	catgcatatt	tgtgaagaaa	cacccttttt	600
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<210> 2522  
 <211> 803  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (767)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (790)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (793)  
 <223> n equals a,t,g, or c

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<210> 2523

<211> 1010  
 <212> DNA  
 <213> Homo sapiens

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aaagtgtttt	tgtatataat	gtattttttc	acttttggag	gattcttttt	gtataacttc	1010
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<210> 2524  
 <211> 1554  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (847)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (888)  
 <223> n equals a,t,g, or c

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 <211> 1700  
 <212> DNA  
 <213> Homo sapiens

<400> 2525						
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 <212> DNA  
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<220>  
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 <223> n equals a,t,g, or c

<220>  
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 <223> n equals a,t,g, or c

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<210> 2527
<211> 1781
<212> DNA
<213> Homo sapiens

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<210> 2528  
 <211> 1781  
 <212> DNA  
 <213> Homo sapiens

<400> 2528						
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<210> 2529  
 <211> 575  
 <212> DNA  
 <213> Homo sapiens

<400> 2529						
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<210> 2530  
 <211> 646  
 <212> DNA  
 <213> Homo sapiens

<400> 2530						
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ggattgtcct	aaagaaagtg	ctactttatt	tttaagaaag	taaggccact	tggtatataa	240
gaaataacaa	gttcccattg	gggtcccattt	tgcaaaaagg	gataaagaat	tagactgata	300
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<210> 2531  
 <211> 529  
 <212> DNA  
 <213> Homo sapiens

<400> 2531						
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<210> 2532  
 <211> 963  
 <212> DNA  
 <213> Homo sapiens

<400> 2532						
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ccataccaaa gacactcaaa gacagccaat aaattctgtt caatcaaaaa aaaaaaaaaa 960  
aaa 963

<210> 2533  
<211> 1574  
<212> DNA  
<213> Homo sapiens

<220>  
<221> SITE  
<222> (457)  
<223> n equals a,t,g, or c

<400> 2533  
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aaaaaagggc ggcc 1574

<210> 2534  
<211> 2735  
<212> DNA  
<213> Homo sapiens

<220>  
<221> SITE  
<222> (66)  
<223> n equals a,t,g, or c

<400> 2534  
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<210> 2535

<211> 1121

<212> DNA

<213> Homo sapiens

<400> 2535

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<210> 2536  
 <211> 1971  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (1926)  
 <223> n equals a,t,g, or c

<400> 2536						
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agagtgtacc	tttaattacta	ctgtatttgc	aaattaaggg	aaatttaggt	catcatttga	1920
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<210> 2537  
 <211> 1971  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (1926)  
 <223> n equals a,t,g, or c

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tgaaaaagag	gtagtgttaag	gaattgtgag	gctgggcag	gtgtaagtgc	tcacttttag	1860
agagtgtacc	ttaattacta	ctgtatttgc	aaattaagg	aaatttaggt	catcatttga	1920
ttttcngaaa	tctaaaagga	actgaccatc	attaccaagt	ctttctatat	a	1971

<210> 2538  
 <211> 1986  
 <212> DNA  
 <213> Homo sapiens

<400> 2538						
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gcgctaccag	tgtgtctatt	ccttggcaga	aatctttaag	gtcctggcct	cattttatgt	180
cattttgggt	atactttattg	gtctgacctc	ttcctacagc	ctgtgggtgga	tgctgaggag	240
ttccctgaag	caatattcct	ttgaggcggt	aagagaaaaa	agcaactaca	gtgacatccc	300
tgatgtcaag	aatgactttg	ccttcacctc	tcactctggc	gatcagtatg	atcctcttta	360
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taaaactgtg	gaagagatca	ttagctttca	gcatcttcag	aatctttcct	gcttaaagtt	1140
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<210> 2541  
 <211> 688  
 <212> DNA  
 <213> Homo sapiens

<400> 2541  
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 gcgagatcct gaggggtttct cttcgtctcc acggcctggg gtaaggggct gccccgcgcc 180  
 ccaagtttaa atgctctcta gttcacgctc tctaagcttc atcatgtcag ttctgatcct 240  
 cattcctggg gcgagatcat gtgggtgggccc cttggtagct caagattagc ctggcagtggt 300  
 ctcattgtcca tgtgccatgc tggggggcatc caattttattg caagtgcctt ggagagcaat 360  
 ttggcattgt ttagtgaagc tgaagacgct taaaccccat ggctcgggtg tctctctctct 420  
 gcatgtgtgt gtatgttcca gaaaaccatc ctgacatgca tgtgcagcct tgaactgtg 480  
 gttcgttata ttgttggtaa tggaaaaata taggcacaa taggagcctg gatggctacc 540  
 tcatggctgt ttatataatg gactgtatgc agcagtaaga tgaatgtatg aggttgaacc 600  
 atatgggtgt gtttcaccta acactagagc aatatatgct gactggagaa atctgaatgt 660  
 atagctgaga ggaaaaaaaa aaaaaaaaaa 688

<210> 2542  
 <211> 1940  
 <212> DNA  
 <213> Homo sapiens

<400> 2542  
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 ttaattgttt taaaagccat aggaaagtct tccttgtagc tggctgtaaa ttataagaa 180  
 ctattgtgtc acataaacca acaagaatca accttgcgtg cttcagataa ttgattttt 240  
 ccagcaagga aattaataag ttactgattc ttcagcatag aaacaactga gaagaattaa 300  
 tgcaatgttt cttcactaga aaacccaacc cttcatttct tttcattgct ccaaaaccca 360  
 gttttcaact aatgggtttt tcattaaact aaatgttttag aaaagtgtgt tagagttttt 420  
 ctttttcttt tacatagtcc tcctgatcca gtataagact atttagtaac gtgcatttgt 480  
 atgggtactat ctaaagtaag ttagattgat gtaagagatc gggtagctgc ggaacaaaat 540  
 tagttatata ctaattaggt acagtgaatg acacaaaatc atttttagcaa tgcttcttaa 600  
 ccttttgggg tcacagggcg tttgagactg atgaatccta gggacttatt taccaggaa 660  
 aatgcgtata taacatacat atctccctaa agtttacaat attgtagtgg ttcattgggc 720  
 ccctgggttaa gagccattc taaagtacaa tagggcatca tcccttttcc tgcaaagccc 780  
 aaaagtatat ttctagggca tgaaaataac ttgagtctat tttaaggaat tgtttcactc 840  
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 cattgaaaaa ttgcattcag cctgcgaatg gttgcagatt gtatgttaga tgaaaagtag 1860  
 aaataatttc tagtttggaa aactggtgcc actaaataaa caggcaatta cataaaaaaa 1920  
 aaaaaaaaaa aaaaaaaaaa 1940

<210> 2543

<211> 1526  
<212> DNA  
<213> Homo sapiens

<400> 2543

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aaaaaaaaaa	aaaaaaaaag	gcggcc				1526

<210> 2544  
<211> 2576  
<212> DNA  
<213> Homo sapiens

<400> 2544

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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (405)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
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 <223> n equals a,t,g, or c

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<213> Homo sapiens
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<212> DNA  
<213> Homo sapiens

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<210> 2548  
<211> 699  
<212> DNA  
<213> Homo sapiens

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<221> SITE  
<222> (683)  
<223> n equals a,t,g, or c

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<212> DNA  
<213> Homo sapiens

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 <212> DNA  
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<210> 2551  
 <211> 639  
 <212> DNA  
 <213> Homo sapiens

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<210> 2552  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (271)  
 <223> n equals a,t,g, or c

<400> 2552						
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<213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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<213> Homo sapiens

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<223> n equals a,t,g, or c

<220>

<221> SITE

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<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (2362)

<223> n equals a,t,g, or c

<400> 2565

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095003 051201

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 <212> DNA  
 <213> Homo sapiens

<400> 2566						
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 <212> DNA

095003.091004

<213> Homo sapiens

<220>

<221> SITE

<222> (623)

<223> n equals a,t,g, or c

<400> 2567

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ctatatattt	tttaaaaacc	ctgtgactca	agttataaaa	agacaaccgg	gtagaaaagt	600
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<210> 2568

<211> 831

<212> DNA

<213> Homo sapiens

<400> 2568

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<210> 2569

<211> 1468

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (561)

<223> n equals a,t,g, or c

<400> 2569

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 <212> DNA  
 <213> Homo sapiens

<400> 2570						
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cctttgtatt	ttgtttttga	ccttgggtct	gtgatttggg	tgtcaacaac	ttccctaaaa	1260
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<210> 2571  
 <211> 875  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (521)  
 <223> n equals a,t,g, or c

<400> 2571						
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gggctagcca	cacatatggt	ttacaatact	tggtctgcaa	tgctgtcttt	tgggtctgag	120



<220>  
 <221> SITE  
 <222> (6)  
 <223> n equals a,t,g, or c

<400> 2574  
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 ccgcccaggg acgtgtctgt gctcctgcgt gtgaccaggg ttgactaaac tcctgccagc 120  
 atgtcttgcc agcaaaacca gcagcagtcg cagccccctc ccaagtgtcc tcccaagtgt 180  
 accccaaaat gtccacctaa gtgtccccc aaatgccac cacagtgcc agctccatgt 240  
 ttccctgcag tctcttcttg ctgtggtccc agctctggga gctgctgtgg tcccagctct 300  
 gggggctgct gcagctctgg ggctggtggc tgctscctga gccaccacag gcccctctc 360  
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 ggctgctgcc asagctctgg gggtgctgc tgacctgggc tacagaagag ctcttgggac 480  
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 tcattgggtg gcagagacca caaagactca tggggctttc ctggaagaac ttcgtgcttg 600  
 atgtaacacc ccaattgcaa gtcttctttt cctcctttac ctcatgttat aataaagctc 660  
 tgatctctga ctcaaaaaaa aaaaaaaaaa aaaag 695

<210> 2575  
 <211> 871  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (555)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (585)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (744)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (837)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (843)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (847)  
 <223> n equals a,t,g, or c

<400> 2575  
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 caatgctccc tgattttccaa taacttgatc tttggatcgt aggggatgac cagcatgtta 180  
 ctcttggtcc gctggatccc aaagctcttg ctccctttat tctcctgcat ggccccctgga 240  
 tactggggca gaagccttct cttcctgatc ttaaaggctg gtctgtagaa cctgatcatc 300  
 tttcttctag gtaaggagca tcctggagcc aaacttcaga taccctgga gcattccctt 360



caccctcaaa	cctgagctcc	tcgccccact	ccagagtgg	ggtttggcca	tcacctatgg	420
cctgctggag	gagtgtggcc	ttaggacgga	gctggataac	cccaggtcaa	cctgggatgt	480
agaagcaaag	atgcccctgt	ctgcccctcta	tgggactctc	tcgktgctgc	agcarctggc	540
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ctgtgagtgt	ccytatgggt	gcaagarata	gggctgkgcc	tctctgcgtt	tccaggtgga	660
gtagagacag	taatgggtag	agacttttag	aaatgttttg	gggtgggtgga	atactctata	720
tattgacaag	agtttatata	ttgncaagag	tttatatatt	tgtcaaaact	cctcaaatag	780
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atnctgnctc	taaaaaaaaa	aaaaaaaagg	c			871

<210> 2576  
 <211> 843  
 <212> DNA  
 <213> Homo sapiens

<400> 2576						
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tgcatttttc	ctcttttgacc	actaaccatg	tgaaattctc	atattgacct	ttataatgat	120
catgaactct	tagtatcatt	gggaaggcca	catttgccac	ttatgattgt	aaaccttatc	180
ctccattttt	cctgttattg	ttggtgcaaa	aagcacctat	tataaccagga	ctttaaaaat	240
cagtctgata	agtctttgat	aagtctaata	ataataactg	ataagtccat	tgaatttgct	300
tctgattact	ttttcttttag	tagctaaaca	tgtatgtact	cctatgatta	caatgaacac	360
tcctctccat	ttaaattaat	tattttacatt	gatgaaatag	caaaatgtta	atgactaaat	420
actgtcttgg	ttttttcggt	ccaggtcagt	caatattaac	ttcttataat	tttctttttt	480
ttctttatgt	gtgtgtgtgt	gtgtattttt	ttttttttta	tttcaatggc	ttttggggta	540
caaattggctt	ttggtcatat	agatgaattc	tacagtagtg	aagtctgaga	ttttactgca	600
ccggtcacct	gagtagtgta	cattgtaccc	aatatgtggt	tttttatacc	ttgccccctt	660
cttaccctcc	ccactttgag	tctctagtgt	ccattatgtc	actctgtata	ccttttttga	720
cccataagtt	agctctcact	tataagttag	aacacacagt	atttggtttt	ccattcctga	780
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aaa						843

<210> 2577  
 <211> 2973  
 <212> DNA  
 <213> Homo sapiens

<400> 2577						
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<222> (1859)  
<223> n equals a,t,g, or c

<220>  
<221> SITE  
<222> (1888)  
<223> n equals a,t,g, or c

<220>  
<221> SITE  
<222> (1897)  
<223> n equals a,t,g, or c

<400> 2579

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acctccgaga	gcagccccag	aaactaacc	aacagcagaa	agcggggctc	cagcaccacc	180
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ctcatcctgt	accaccagca	ccagcacagc	trctgtragt	cccctaccg	cctggcccaa	360
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cagtaaaaaa	aaaaaaaaaa	aaaaagggcg	gccgctttaa	aaggatcctt	cganggggnc	1860
ccaagcttac	gccgggcatt	gccaacgnca	taacttnt			1898

<210> 2580  
<211> 1701  
<212> DNA  
<213> Homo sapiens

<400> 2580

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agtggcgggtg	cggatacgac	ccatgaaccg	gcgagagact	gacttgcata	ccaaatgtgt	120
ggtggatgtg	gatgcaaaca	aggttattct	taatcctgta	aatacgaatc	tttccaaagg	180
agatgcccgg	ggccagccga	agtgtttgct	tatgatcatt	gtttctgggtc	tatggatgaa	240
tctgtcaaag	aaaagtatgc	aggtcaagat	attgttttca	agtgccttgg	agagaatatc	300
ctgcagaatg	ctttttratgg	ctacaatgca	tgtatctttg	cctatggaca	gactggctct	360
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gtgtcctaca	tggaaattta	taatgaaaaa	gttcgagacc	ttcttgatcc	caaaggaagc	540
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cagaagaaca	ccagaacatt	tgtaaatggg	tcactctgtc	ccagtccaat	acagctacac	1620
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aaaaaaaaaa	agggcgcccg	c				1701

<210> 2581

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (11)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (16)

<223> n equals a,t,g, or c

<400> 2581

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catggctccg	gggaccttag	cttcagttgg	tggttgtaga	attcctcaca	caaggacatt	180
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catggataca	taactagggt	tttggtgatg	actacaacga	aatgcagaat	ggtgtctcca	540
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ctgtacttca	gtttttttgta	tttgtaaaaa	tatatattgta	ataatctcat	agttaaaaaa	720
aaaaaaaaaag	ggcggccgct	ctagaggatc	caagcttacg	tacgcgtgca	tgcgacatca	780
tagctcg						787

<210> 2582

<211> 1030

<212> DNA

<213> Homo sapiens

<400> 2582

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ccaggctcca	ttaatccttc	caatggagtg	gaagtttctc	tcacagagaa	actagtaagg	180
ggatccaatg	ggaaaagaac	gttcacacgg	actagaagac	gaaaccaatg	gaatggaaaa	240
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gcagaggcaa	tggggtgaat	cgtgctcaga	ggcgcgctcc	aatggggtag	caggggtcgc	360
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aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaagg	cggccgctct	agaggatcca	1020
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<210> 2583

<211> 2770

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (1570)

<223> n equals a,t,g, or c

<400> 2583

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aggagttcat	tgagtccctg	gactctacta	cagatgaaga	agaagatgaa	gaagaagtgt	300
ataaaatggc	tggtgtgatg	gcccagtggt	ggggcctgga	atgcatgctt	aacagactcg	360
cagggatcag	agattttcaag	cagggacgcc	accttctaac	agtgtactg	aaattgttca	420
gttactgctg	gaagggtgaaa	gtcaaccggc	agcaactgg	caaactggaa	atgaacacct	480
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tccagggcct	gcttcgcata	atcccgtacc	tttcttttgg	agaggtggag	aaaatgcaga	780
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 <211> 598  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (597)  
 <223> n equals a,t,g, or c

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	tattttttcc	tctactcaaa	gttaaaactg	accaaagtta	ctggcttttt	actttgctag	360
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 <212> DNA  
 <213> Homo sapiens

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 <222> (10)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (19)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (39)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (75)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
 <222> (875)  
 <223> n equals a,t,g, or c

<400> 2585

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ycagaagtgt	aaaaatattg	cacattgaca	aataccaaga	atTTTTgcgt	atgtttatat	300
tgtattgttc	taaataatgg	gtagcctgtg	aaataagawc	ktgccrccca	tgtaataata	360
gtagtaatac	takagttaaa	atggctgtaa	gaatagtttt	ataaaaagtga	atacacagat	420
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<210> 2586  
 <211> 91  
 <212> DNA  
 <213> Homo sapiens

<400> 2586

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 <211> 699  
 <212> DNA  
 <213> Homo sapiens

<400> 2587  
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 cataaatggg aactgatgta gaaggcagga tttagccctt ctaggcaaaa gaaaagctca 180  
 gttgggtttc acgagtgttc ctgtgcttat attcagtctg tgcctacatg ttctcatgca 240  
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 aaaaagatga cttaagggtga agtgaggaca aaatcacatt ctgcatacta accttttttt 420  
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<210> 2588  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (5)  
 <223> n equals a,t,g, or c

<400> 2588  
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 gattttcaagt tggcaaaaaa tgcattagaa gtcagcagtg tgatgtgggc aggagaacaa 180  
 ccagagtgtc tgtgggatga ggtcctggat agactttgtt tctatatata gttcagccct 240  
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<210> 2589  
 <211> 2789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (754)  
 <223> n equals a,t,g, or c

<400> 2589  
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<210> 2590

<211> 1145

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (1109)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1127)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1131)

<223> n equals a,t,g, or c

<400> 2590

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tcggacactt	caacacagcc	tccgggtgtg	gcttcatctt	gggccccgtg	gtcgggtggc	240
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aaaaaaaaaa	aaagggcggc	cgc				1223

<210> 2594  
 <211> 1168  
 <212> DNA  
 <213> Homo sapiens

<400> 2594						
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<210> 2595  
 <211> 1193  
 <212> DNA  
 <213> Homo sapiens

<400> 2595						
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<213> Homo sapiens

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<210> 2597

<211> 896

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (885)

<223> n equals a,t,g, or c

<220>

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<222> (886)

<223> n equals a,t,g, or c

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<211> 2178

<212> DNA

<213> Homo sapiens

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<222> (1022)  
 <223> n equals a,t,g, or c

<220>  
 <221> SITE  
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 <223> n equals a,t,g, or c

<400> 2599

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (41)  
 <223> n equals a,t,g, or c



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<210> 2605  
 <211> 2175  
 <212> DNA  
 <213> Homo sapiens

<400> 2605						
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<210> 2606  
 <211> 1603  
 <212> DNA  
 <213> Homo sapiens

<400> 2606						
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<210> 2607  
 <211> 1177  
 <212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (1071)

<223> n equals a,t,g, or c

<220>

<221> SITE

<222> (1164)

<223> n equals a,t,g, or c

<400> 2607

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cagaggatac	acacttatga	catgcctccc	acacattcat	acaaacaagt	acctgttcat	1140
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<210> 2608

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2608

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His

<210> 2609

<211> 40

<212> PRT

<213> Homo sapiens

<400> 2609

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1				5				10						15	

Phe	Arg	Leu	Leu	Thr	Leu	Arg	Met	Asp	Leu	Leu	Val	Leu	Leu	Leu	Pro
				20				25						30	

Arg Leu Asp Cys Pro Gln Thr Arg

<210> 2610  
 <211> 5  
 <212> PRT  
 <213> Homo sapiens

<400> 2610  
 Met Lys Ala His His  
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<210> 2611  
 <211> 36  
 <212> PRT  
 <213> Homo sapiens

<400> 2611  
 Met Met Phe Ser Leu Leu Leu Thr Thr Cys Leu Ser Arg Lys Ala Cys  
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 Gly Val Arg Met Met Trp Pro Ile Ser Met Trp Lys Gln Arg Lys Glu  
 20 25 30  
 Thr Asp Ile Ala  
 35

<210> 2612  
 <211> 36  
 <212> PRT  
 <213> Homo sapiens

<400> 2612  
 Met Met Phe Ser Leu Leu Leu Thr Thr Cys Leu Ser Arg Lys Ala Cys  
 1 5 10 15  
 Gly Val Arg Met Met Trp Pro Ile Ser Met Trp Lys Gln Arg Lys Glu  
 20 25 30  
 Thr Asp Ile Ala  
 35

<210> 2613  
 <211> 32  
 <212> PRT  
 <213> Homo sapiens

<400> 2613  
 Met Pro Ala Trp Lys Cys Pro Cys Ile Arg Gly Leu Leu His Ser Leu  
 1 5 10 15  
 Leu Leu Arg Glu Ala Ser Ala Ser Ala Gln Gly Val Cys Ala Ala Leu  
 20 25 30

<210> 2614  
 <211> 112  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> SITE  
 <222> (27)  
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 2614  
 Met Pro Leu Phe Leu Ser Ile Pro Ser Leu Phe Leu Thr Leu Ser Gly  
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 Leu Gly Leu Ala Val Gln Ser Pro Ala Gly Xaa Cys Trp Gly Leu Ser  
                   20                  25                  30  
 Leu Cys Arg His Cys Val Phe Leu Arg Gly Cys Pro Gln Asn Thr Pro  
                   35                  40                  45  
 Pro Ala Pro Trp Gly Ser Ser Gly Ser His Phe Ser Trp Ser Leu Arg  
           50                  55                  60  
 Ser Gln Lys Gln Leu Leu Gln Glu Ala Lys Lys Arg Leu Gly Trp Leu  
           65                  70                  75                  80  
 Leu Val Leu Met Met Ala Phe Ile Leu Leu Gly His Phe Gly Tyr Ile  
                   85                  90                  95  
 His Gly His Cys Phe His Leu Ser Phe Leu Pro Val Pro Pro Leu Pro  
                   100                  105                  110

<210> 2615  
 <211> 40  
 <212> PRT  
 <213> Homo sapiens

<400> 2615  
 Met Gln Lys Phe Ile Gln Ala Met Leu Arg Lys Leu Leu Leu Met Gln  
           1                  5                  10                  15  
 Met Met Cys Asp Trp Gln Ser Ser Ala Ala Leu Ile Ser Leu Leu Pro  
                   20                  25                  30  
 Leu Leu Pro Gln Glu Ile Phe Tyr  
           35                  40

<210> 2616  
 <211> 40

<212> PRT  
<213> Homo sapiens

<400> 2616

Met Cys Phe Asn Phe Lys Tyr Phe Phe Leu Cys Gly Lys Cys His Val  
1 5 10 15  
Thr Ile Ala Leu Pro Ser Val Trp Thr Val Leu Val Leu Val Leu Ser  
20 25 30  
Val Tyr Gln Lys Ser Gly Cys Leu  
35 40

<210> 2617

<211> 246

<212> PRT

<213> Homo sapiens

<400> 2617

Met Gln Pro Ser Trp Leu Thr Arg Cys Pro Thr Trp Pro Trp Pro Met  
1 5 10 15  
Gly Ala Ala Trp Pro Arg Arg Ala Arg Ser Trp Trp Ile Arg Thr Ser  
20 25 30  
Thr Ala Ser Ser Pro Ser Pro Ser Ser Ser Ile Thr Leu Leu Trp Thr  
35 40 45  
Pro Cys Met Trp Ala Glu Ser Trp Ala Cys Cys Ser Ser Pro Thr Tyr  
50 55 60  
Thr Arg Thr Gly Lys Cys Ser Thr Asn Arg Thr Pro Arg Trp Pro Pro  
65 70 75 80  
Ala Leu Thr Ser Met Pro Arg Thr Ser Thr Phe Gln Gln Trp Ala Phe  
85 90 95  
Ile Thr Tyr Val Leu Val Ala Gly Leu Ala Leu Gly Thr Gln Asp Arg  
100 105 110  
Phe Ser Pro Asp Leu Leu Gly Leu Gln Ala Ser Ser Ala Leu Ala Trp  
115 120 125  
Leu Thr Leu Glu Val Leu Ala Ile Leu Leu Ser Leu Tyr Leu Val Thr  
130 135 140  
Val Asn Thr Asp Leu Thr Thr Ile Asp Leu Val Ala Phe Leu Gly Tyr  
145 150 155 160  
Lys Tyr Val Gly Met Ile Gly Gly Val Leu Met Gly Leu Leu Phe Gly  
165 170 175  
Lys Ile Gly Tyr Tyr Leu Val Leu Gly Trp Cys Cys Val Ala Ile Phe  
180 185 190  
Val Phe Met Ile Arg Thr Leu Arg Leu Lys Ile Leu Ala Asp Ala Ala  
195 200 205  
Ala Glu Gly Val Pro Val Arg Gly Ala Arg Asn Gln Leu Arg Met Tyr



095003.04304

210

215

220

Leu Thr Met Ala Val Ala Ala Ala Gln Pro Met Leu Met Tyr Trp Leu  
225 230 235 240

Thr Phe His Leu Val Arg  
245

<210> 2618  
<211> 27  
<212> PRT  
<213> Homo sapiens

<220>  
<221> SITE  
<222> (8)  
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 2618  
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1 5 10 15

Arg Glu Gly Asn Leu Lys Ser Arg Pro Asn Lys  
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<210> 2619  
<211> 111  
<212> PRT  
<213> Homo sapiens

<400> 2619  
Met Thr Glu Ser Phe Tyr Pro Leu Asn Gln Arg Lys Gln Asn Glu Asn  
1 5 10 15

Pro Ser Ala Val Leu Met His Leu Phe Leu Phe Ser Val Thr Met Gln  
20 25 30

Gln Val Ala Arg Thr Val Ala Lys Val Glu Leu Ser Asp His Val Cys  
35 40 45

Asp Val Val Phe Ala Leu Phe Asp Cys Asp Gly Asn Gly Glu Leu Ser  
50 55 60

Asn Lys Glu Phe Val Ser Ile Met Lys Gln Arg Leu Met Arg Gly Leu  
65 70 75 80

Glu Lys Pro Lys Asp Met Gly Phe Thr Arg Leu Met Gln Ala Met Trp  
85 90 95

Lys Cys Ala Gln Glu Thr Ala Trp Asp Phe Ala Leu Pro Lys Gln  
100 105 110

<210> 2620  
<211> 47  
<212> PRT

<213> Homo sapiens

<400> 2620

Met Thr Pro Pro His Val Leu Leu Lys Gly Val Leu Val Val Ser Arg  
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Val Cys Val Ser Leu Leu Cys Cys Pro Pro Gly Cys Ser Val Cys Cys  
20 25 30

Pro Leu Pro Pro Gly Gly Ser Pro Cys Phe Ser Pro Ile Tyr Ser  
35 40 45

<210> 2621

<211> 48

<212> PRT

<213> Homo sapiens

<400> 2621

Met Asn Ser Trp Lys Phe Gly Gly Leu Cys Leu Leu Leu Ile Ile Ser  
1 5 10 15

Val Trp Leu Lys Gln Ser Trp His Gln Gly Arg Val Cys Cys Asp Asp  
20 25 30

Ser Arg Glu Gly Asp Ser Gln Gly Val Ala His Gln Ala His Glu Ala  
35 40 45

<210> 2622

<211> 25

<212> PRT

<213> Homo sapiens

<400> 2622

Met Val Cys Ile Phe Lys Thr Glu Asp Val Leu Pro Phe Leu Leu Leu  
1 5 10 15

Phe Phe Leu Phe Ser Phe Phe Phe Phe  
20 25

<210> 2623

<211> 104

<212> PRT

<213> Homo sapiens

<400> 2623

Met Val Ala Gly Thr Pro Cys Phe Leu Pro Leu Leu Ser Ala Cys Val  
1 5 10 15

Thr His Ile Asn Gly Asn Asn Phe Phe Gln Leu Leu Ala Glu Val Gly  
20 25 30

Glu Ala Gly Ser Leu His Arg Glu Gly Leu Ser Ser Leu Leu Leu Pro